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**Data: Abundance, age, sex, and size of sockeye salmon catches  
and escapements in Southeast Alaska in 1986**

**By**

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**January 1988**

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**Alaska Department of Fish and Game  
PO Box 3-2000, Juneau, Alaska 99802**

**Don W. Collinsworth  
Commissioner**

DATA: ABUNDANCE, AGE, SEX, AND SIZE OF SOCKEYE SALMON  
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Alaska Department of Fish and Game  
Division of Commercial Fisheries  
Southeast Region  
P.O. Box 20  
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## INTRODUCTION

Sockeye salmon (Oncorhynchus nerka) have been harvested commercially in Southeast Alaska since the 1880's. Catches peaked early in the history of the fishery, averaging 2.1 million sockeye salmon annually between 1896 and 1920 (ADF&G 1985). Several periods of sharp declines in catches in the region were experienced over the next 30 years. From 1951 through 1980 catches remained fairly stable, averaging 803,000 fish annually. Catches have sharply increased over the last 5 years (1981 - 1985), averaging almost 1.3 million fish.

Commercial purse seine and gill net fleets currently harvest the vast majority of sockeye salmon taken in Southeast Alaska. Lesser numbers of fish are harvested commercially with fish traps and in the troll fishery. Almost without exception these fisheries harvest mixed stocks and species. Sockeye salmon are also harvested in subsistence and sport fisheries in Southeast Alaska and although these catches are minor when compared to commercial harvests, exploitation rates are often high on individual stocks. Canadian commercial gill net fisheries have operated in the Canadian reaches of the Stikine and Taku Rivers since 1979. More than 100 systems (rivers or streams and their associated lakes) are known to produce sockeye salmon in Southeast Alaska.

Estimation of basic population attributes are essential to sound management. Age composition provides the basic data for age-specific stock contribution estimates, brood year returns, and exploitation rates. Size data can be used to monitor growth parameters, environmental variability, and gear selectivity. Migratory timing data can be used to identify interannual shifts in run timing.

The purpose of this report is to document basic age, length, and weir data to be used in concurrent studies and future use by researchers and managers. Summaries of these data are to be found in McPherson (et al. in press) 1/.

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## METHODS

### Study Area Description

The study area consists of outside coastal waters of Southeast Alaska extending south from Cape Suckling to Cape Fairweather and both inside and outside waters extending south from Cape Fairweather to Dixon Entrance (Figure 1). The area is divided into eighteen coastal districts (101 through 116, 182 and 183) and six offshore districts (152, 154, 156, 157, 181 and 189). Inshore district net fisheries and escapements in the Yakutat management area are reported elsewhere.

Commercial, sport, and subsistence fisheries operated throughout the region. Drift gill nets commercially harvested salmon in Districts 101, 102, 106, 108, 111, and 115 in 1986. Canadian gill net fisheries operated in the lower Canadian portions of the Taku and Stikine Rivers and on the upper Stikine River. Purse seines harvested sockeye salmon in Districts 101 - 107, 109, and 112 - 114 in 1986. The troll fleet operated throughout the region. The Metlakatla Indian Community operated gill net, purse seine, and troll fisheries within 3,000 feet of the Annette Island shoreline in District 101 (Subdistricts 24, 26, 28, and 42), as well as a small floating fish trap fishery in Subdistrict 28. Sport fishing occurred throughout Southeast Alaska, primarily near population centers in the region. Subsistence fishing was allowed at many sites in Southeast Alaska, primarily near the mouths of rivers and streams.

### Abundance Data

Alaskan commercial catch data presented in this report are compiled by the Division of Commercial Fisheries, ADF&G, and originate from individual fish tickets tabulated as of 27 April, 1987. Catch data are edited for data entry and recording errors. Embedded errors are sometimes found at a later date and are corrected then. Therefore, data file listings in the future may show minor differences from those given in this report. Catch data for Canadian commercial and subsistence fisheries on the upper Taku and Stikine Rivers were obtained from the Canadian Department of Fisheries and Oceans (S. Johnston, personal communication). Catches are assigned to a statistical week. A statistical week, used to report catch figures in Alaska, begins at 00:01 AM each Sunday and ends the following Saturday at midnight. Weeks are numbered sequentially beginning with the week encompassing the first Sunday in January.

Several methods are used to estimate total escapements to Southeast Alaska systems. Eleven Alaskan systems and four Canadian systems are weired, and total counts of sockeye salmon to these systems are made. A mark-recapture tagging program is used to estimate the total Taku River escapement (McGregor and Clark 1987). Sockeye salmon were captured in fishwheels at Canyon Island (5 kilometers from the Canadian border) and tagged. Tagged fish are recovered in the upstream Canadian commercial gill net fishery, and tagged to untagged ratios are used to derive an escapement estimate using the methods of Chapman and Junge (1956) and Darroch (1961). An estimate of escapement was supplied by Blankenbeckler (ADF&G, Commercial

Fisheries Division, Ketchikan, personal communication) to estimate escapement at McDonald Lake using Peterson mark-recapture procedures described in Robson and Regier (1964). A second estimate for McDonald Lake was provided by Haddix (ADF&G, F.R.E.D. Division, Ketchikan, personal communication). Foot survey counts are made and expanded to a total estimate based on correlations between stream life and foot survey data and final weir counts conducted in previous years. The estimated escapement to the Stikine River was developed using a catch and CPUE data from commercial and test fisheries, sockeye enumeration from sonar studies and stock composition estimates from scale pattern, genetic, and brain parasite analyses (Sands et al. 1987). Aerial, foot, and boat surveys provided escapement counts for most of the other important sockeye salmon systems in the region. The maximum that was counted in a 24 hour period is presented; these counts should only be considered partial or relative indicators of escapement magnitude as they do not represent total escapements of the stocks in question.

#### Age, Sex, and Length Data

Sockeye salmon are sampled for scales, sex, and length. Scales are taken from the 'preferred area' of the fish (INPFC 1963). Within the preferred area, we attempted, whenever possible, to sample the scale located on the left side of the fish two rows above the lateral line and on the diagonal downward from the posterior insertion of the dorsal fin to the anterior insertion of the anal fin. Scales are mounted on gummed cards and impressions made in cellulose acetate (Clutter and Whitesel 1956).

Examination of scales provides age information for individual fish. Scales are magnified to 70 power on a microfiche reader and ages are recorded in European notation. Numerals preceding the decimal refer to the numbers of freshwater annuli, numerals following the decimal are the numbers of marine annuli and the total age is the sum of these two numbers plus one. Sex determination is based on examination of either gonads or external morphological features such as kipe development, belly shape, trunk depth, and jaw shape. Sex determination can not always be made because of the absence of external secondary maturation characteristics and the simultaneous refusal of fish processors to let samplers cut open the fish to examine gonads. This is especially true for purse seine catches in Necker Bay (Subdistrict 113-34).

Fish length is measured from the middle of the eye to the fork of the tail and is recorded to the nearest 5 millimeters. The following exception exists: post-orbit to hypural plate measurements were taken for commercial catch samples in the Canadian Taku gill net fishery and in escapements to the Nakina River, Kuthai Lake, Little Trapper Lake, Little Tatsamenie Lake, and the Hackett River in the Taku River drainage, and to the Iskut River and Tahltan Lake in the Stikine River drainage. The lengths from the Taku River were converted to middle of the eye to fork of the tail measurements according to the following equation developed from lengths taken from 200 sockeye salmon commercially caught in the Canadian commercial fishery on the Taku River in 1986:

$$MEF = 1.039767*(POH) + 45.30311 \quad (1)$$

where: MEF = mid-eye to fork of tail and

POH = post-orbit to hypural plate.

Lengths from the Stikine River were converted to middle of the eye to fork of the tail measurements according to equation (2) of a set of relationships developed from lengths taken from 820 sockeye salmon commercially caught in Southeast Alaska in 1985 (Pahlke, K. 1985. Multiple length conversions for sockeye salmon. ADF&G, Commercial Fisheries Division, Douglas, Ak. Unpublished memorandum):

$$MEF = 1.103696*(POH) + 19.50277 \quad (2)$$

$$POH = 0.889422*(MEF) - 8.10409 \quad (3)$$

$$MEH = 1.000483*(POH) + 8.005435 \quad (4)$$

$$POH = 0.982730*(MEH) + 0.592846 \quad (5)$$

$$MEH = 0.897117*(MEF) - 4.28373 \quad (6)$$

$$MEF = 1.093492*(MEH) + 15.62296 \quad (7)$$

where: MEH = mid-eye to hypural plate.

All districts in which gill net catches occurred have been sampled except for District 102 and the Annette Island portion of District 101. Purse seine catches have been sampled in all districts that recorded catches, except in the Annette Island subdistricts of District 101. Fish trap, sport fish, and subsistence harvests have not been sampled because of the small magnitude of the harvests and the logistic difficulties involved in obtaining samples. Escapement samples have been collected either in weir traps or by dipnets, beach seining and carcass sampling. Fishwheels have been used to collect the Taku River escapement samples. The variety of collection methods used to sample escapements may introduce some bias into age composition estimates.

Age and sex compositions of salmon in the catches are computed for each fishery sampled. Sampling goals are to collect sufficient samples to estimate the proportion of each age class to within  $\pm 5$  percentage points 90% of the time in each stratum based on the standard binomial formulae (Cochran 1977). A general goal of 700 fish per week (560 to be ageable) has been met each week in the majority of the major districts. Sampling was structured by subdistricts in Districts 106 and 113 because catches were made in widely separated geographic areas and at different times of the season.

Age and sex compositions of the salmon are also computed for each escapement that was sampled. Most escapements are sampled over short periods of time and these data are pooled into a single stratum. Some escapements are large enough, e.g. Taku River, that samples collected are stratified by

time to reflect more than one sampling period. Temporal trends in age composition can then be determined.

Totals from each sample period are summed to represent the age and sex composition over the entire season for each fishery and each escapement for which accurate catch or escapement abundance data exist. When only partial escapement counts are available, a percentage breakdown of each sample by age and sex was tabulated. Standard errors of the age class proportions are calculated by standard binomial formulae. The age distribution and associated standard errors for the total commercial catch or escapement are estimated by weighting the sample age distribution and its standard error for each sampling period by the total commercial catch (or escapement) during the same sample period.

Mean lengths and their standard errors are calculated for fish in each sex and age class within each sampling period from each fishery and escapement that length data was available. Sampling goals from the catch are to collect sufficient numbers from each stratum in order to estimate the average length of each major (greater than 10% of the catch) age class to within  $\pm 5$  percentage points 90% of the time. A general sampling goal of 70 scales per week has been established for all districts except the 111 and 115 gill net fisheries where stock specific length composition estimates were desired. This sampling design was not rigorously tested prior to or during the season. Unweighted mean length and standard error for the entire season was calculated for each age class by summing samples over all time periods within each age class.

#### Migratory Timing

Migratory timing (abundance as a function of time) is the driving force behind management decisions which selectively regulate time and areas open to fishing. Sockeye salmon migratory timing statistics for weired escapements and major net fisheries are presented to provide an index of relative timing.

The means and variances of the migratory timing and the associated migratory time density functions of sockeye salmon are presented for weired escapements and are presented by age and in total for fisheries with stratified age compositions according to methodology described by Mundy (1979, 1982). To calculate mean and variance, the empirical migratory time density is defined to be the time series of daily proportions,  $P_t$ , where:

$$P_t = n_t/N$$

$n_t$  = abundance during time interval  $t$  and

$N$  = total annual abundance.

For a migration over a space of  $m$  days, the mean of  $t$  is estimated:

$$\hat{t} = \sum_{t=1}^m t P_t$$

and its variance is estimated:

$$\hat{S}_t = \sum_{t=1}^m (t - \bar{t})^2 P_t$$

The mean time of arrival ( $t$ ) for weired escapements is expressed in days (central day) while for catches it is expressed in weeks (central week, based on statistical weeks). Catch, rather than CPUE, was used as the index of abundance because catchability is variable in the net fisheries of Southeast Alaska, exploitation is often greater than 70%, and CPUE calculation is not accurate under our present reporting system. Run time estimates which are dependent on catch (or CPUE) are influenced in part by management decisions.

## RESULTS

Detailed age and length compositions of sockeye salmon harvested in gill net districts are presented in Appendix Tables 1 to 18. Organization is by ascending district number.

Detailed age and length compositions of sockeye salmon harvested in purse seine districts are presented in Appendix Tables 19 to 42, by ascending district number.

Detailed age and length compositions of sockeye salmon harvested in gill net test fisheries in Districts 106 and 108 are presented in Appendix Tables 43 to 52.

Detailed age and length compositions and daily weir counts of sockeye salmon to escapements are presented in Appendix Tables 53 to 178. Organization is by ascending stream code number.

Summaries of catches, escapements, age, sex, size, and migratory timing data are presented in McPherson (et al. in press).

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Appendix Table 1. Age composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class										Total
	1983		1982		1981		1980			1979	
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	
Statistical Week	25	(June 15 - 21)									
Male											
Sample Number	6		7	8	56	17		15			109
Percent	2.3		2.6	3.0	21.1	6.4		5.7			41.1
Std. Error	0.9		1.0	1.1	2.5	1.5		1.4			3.0
Number	29		34	39	275	83		73			533
Female											
Sample Number	2		7	12	82	30		23			156
Percent	0.8		2.6	4.5	30.9	11.3		8.7			58.9
Std. Error	0.5		1.0	1.3	2.8	2.0		1.7			3.0
Number	10		34	59	400	147		112			762
All Fish 1/											
Sample Number	14		24	33	204	73		56	1		405
Percent	3.5		5.9	8.1	50.4	18.0		13.8	0.2		100.0
Std. Error	0.9		1.2	1.4	2.5	1.9		1.7	0.2		
Number	68		117	161	997	357		274	5		1979
Statistical Week	26	(June 22 - 28)									
Male											
Sample Number	9		6	34	145	39	1	31	1		266
Percent	1.4		1.0	5.4	23.2	6.3	0.2	5.0	0.2		42.6
Std. Error	0.5		0.4	0.9	1.7	1.0	0.2	0.9	0.2		2.0
Number	135		90	511	2181	586	15	466	15		3999
Female											
Sample Number	2		8	33	189	73		51	2		358
Percent	0.3		1.3	5.3	30.3	11.7		8.2	0.3		57.4
Std. Error	0.2		0.5	0.9	1.8	1.3		1.1	0.2		2.0
Number	30		120	496	2842	1098		767	30		5383
All Fish 1/											
Sample Number	11		14	68	337	112	1	82	3		628
Percent	1.8		2.2	10.8	53.7	17.8	0.2	13.1	0.5		100.0
Std. Error	0.5		0.6	1.2	2.0	1.5	0.2	1.3	0.3		
Number	165		210	1022	5068	1684	15	1233	45		9442
Statistical Week	27	(June 29 - July 5)									
Male											
Sample Number	3		3	52	110	89	1	36			294
Percent	0.5		0.5	8.8	18.7	15.1	0.2	6.1			50.0
Std. Error	0.3		0.3	1.2	1.6	1.5	0.2	1.0			2.1
Number	45		45	786	1662	1345	15	544			4442
Female											
Sample Number	3		40	112	103			36			294
Percent	0.5		6.8	19.0	17.5			6.1			50.0
Std. Error	0.3		1.0	1.6	1.6			1.0			2.1
Number	45		604	1692	1556			544			4442
All Fish											
Sample Number	3		6	92	222	192	1	72			588
Percent	0.5		1.0	15.6	37.8	32.7	0.2	12.2			100.0
Std. Error	0.3		0.4	1.5	2.0	1.9	0.2	1.4			
Number	45		90	1390	3354	2901	15	1088			8883
Statistical Week	28	(July 6 - 12)									
Male											
Sample Number		42	177	88		54	2	1			364
Percent		6.6	27.8	13.8		8.5	0.3	0.2			57.1
Std. Error		1.0	1.8	1.4		1.1	0.2	0.2			2.0
Number		1116	4701	2338		1435	53	27			9670
Female											
Sample Number		42	129	79		21	1	1			273
Percent		6.6	20.3	12.4		3.3	0.2	0.2			42.9
Std. Error		1.0	1.6	1.3		0.7	0.2	0.2			2.0
Number		1116	3426	2099		558	27	27			7253
All Fish											
Sample Number		84	306	167		75	3	2			637
Percent		13.2	48.0	26.2		11.8	0.5	0.3			100.0
Std. Error		1.3	2.0	1.7		1.3	0.3	0.2			
Number		2232	8127	4437		1993	80	54			16923
Statistical Week	29	(July 13 - 19)									
Male											
Sample Number		38	205	85	1	55					384
Percent		5.4	29.3	12.1	0.1	7.9					54.9
Std. Error		0.9	1.7	1.2	0.1	1.0					1.9
Number		2256	12169	5046	59	3265					22795
Female											
Sample Number		1	33	175	70		37				316
Percent		0.1	4.7	25.0	10.0		5.3				45.1
Std. Error		0.1	0.8	1.6	1.1		0.8				1.9
Number		59	1959	10389	4155		2196				18758
All Fish 1/											
Sample Number		1	71	381	155	1	92				701
Percent		0.1	10.1	54.4	22.1	0.1	13.1				100.0
Std. Error		0.1	1.1	1.9	1.6	0.1	1.3				
Number		59	4215	22617	9201	59	5461				41612

-Continued-

Appendix Table 1. Age composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week	30	Brood Year and Age Class										Total	
		1983		1982		1981		1980		1979			
		0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3		
Male													
Sample Number		1	46	148	87	1	63					346	
Percent		0.2	7.2	23.0	13.5	0.2	9.8					53.8	
Std. Error		0.2	1.0	1.7	1.3	0.2	1.2					2.0	
Number		41	1877	6039	3550	41	2571					14119	
Female													
Sample Number			58	119	82		37				1	297	
Percent			9.0	18.5	12.8		5.8				0.2	46.2	
Std. Error			1.1	1.5	1.3		0.9				0.2	2.0	
Number			2367	4856	3346		1510				41	12120	
All Fish													
Sample Number		1	104	267	169	1	100				1	643	
Percent		0.2	16.2	41.5	26.3	0.2	15.6				0.2	100.0	
Std. Error		0.2	1.5	1.9	1.7	0.2	1.4				0.2		
Number		41	4244	10895	6896	41	4081				41	26239	
Statistical Week	31	(July 27 - August 2)											
Male													
Sample Number		1	59	69	94		54	2	1			280	
Percent		0.2	9.5	11.1	15.2		8.7	0.3	0.2			45.2	
Std. Error		0.2	1.2	1.3	1.4		1.1	0.2	0.2			2.0	
Number		28	1628	1905	2595		1491	55	28			7730	
Female													
Sample Number			123	89	95		30	2	1			340	
Percent			19.8	14.4	15.3		4.8	0.3	0.2			54.8	
Std. Error			1.6	1.4	1.4		0.9	0.2	0.2			2.0	
Number			3396	2457	2623		827	55	28			9386	
All Fish													
Sample Number		1	182	158	189		84	4	2			620	
Percent		0.2	29.4	25.5	30.5		13.5	0.6	0.3			100.0	
Std. Error		0.2	1.8	1.8	1.9		1.4	0.3	0.2				
Number		28	5024	4362	5218		2319	110	55			17116	
Statistical Week	32	(August 3 - 9)											
Male													
Sample Number		1	21	37	110		96					265	
Percent		0.2	3.3	5.8	17.2		15.0					41.5	
Std. Error		0.2	0.7	0.9	1.5		1.4					2.0	
Number		20	422	744	2214		1931					5331	
Female													
Sample Number			68	86	155		64	1				374	
Percent			10.6	13.5	24.3		10.0	0.2				58.5	
Std. Error			1.2	1.4	1.7		1.2	0.2				2.0	
Number			1368	1730	3118		1288	20				7524	
All Fish													
Sample Number		1	89	123	265		160	1				639	
Percent		0.2	13.9	19.2	41.5		25.0	0.2				100.0	
Std. Error		0.2	1.4	1.6	2.0		1.7	0.2					
Number		20	1790	2474	5332		3219	20				12855	
Statistical Week	33	(August 10 - 16)											
Male													
Sample Number		2	35	34	113		101	2				287	
Percent		0.3	5.7	5.5	18.3		16.3	0.3				46.4	
Std. Error		0.2	0.9	0.9	1.6		1.5	0.2				2.0	
Number		17	297	289	959		857	17				2436	
Female													
Sample Number			58	73	136	1	64					332	
Percent			9.4	11.8	22.0	0.2	10.3					53.6	
Std. Error			1.2	1.3	1.7	0.2	1.2					2.0	
Number			492	620	1154	8	544					2818	
All Fish													
Sample Number		2	93	107	249	1	165	2				619	
Percent		0.3	15.0	17.3	40.2	0.2	26.7	0.3				100.0	
Std. Error		0.2	1.4	1.5	2.0	0.2	1.8	0.2					
Number		17	789	909	2113	8	1401	17				5254	

-Continued-

Appendix Table 1. Age composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week	Brood Year and Age Class										Total	
	1983		1982		1981		1980		1979			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3		
Statistical Week 34 (August 17 - 23)												
Male												
Sample Number	1		44		40	124		86	2		297	
Percent	0.2		7.4		6.7	20.9		14.5	0.3		50.1	
Std. Error	0.2		1.1		1.0	1.7		1.4	0.2		2.1	
Number	6		254		230	715		496	12		1713	
Female												
Sample Number			60		54	108	1	70	3		296	
Percent			10.1		9.1	18.2	0.2	11.8	0.5		49.9	
Std. Error			1.2		1.2	1.6	0.2	1.3	0.3		2.1	
Number			346		312	623	6	404	17		1708	
All Fish												
Sample Number	1		104		94	232	1	156	5		593	
Percent	0.2		17.5		15.9	39.1	0.2	26.3	0.8		100.0	
Std. Error	0.2		1.6		1.5	2.0	0.2	1.8	0.4			
Number	6		600		542	1338	6	900	29		3421	
Statistical Week 35 (August 24 - 30)												
Male												
Sample Number			39		32	66		29	2	1	169	
Percent			11.4		9.4	19.3		8.5	0.6	0.3	49.4	
Std. Error			1.7		1.6	2.1		1.5	0.4	0.3	2.7	
Number			168		138	285		125	9	4	729	
Female												
Sample Number			44		52	50		25	2		173	
Percent			12.9		15.2	14.6		7.3	0.6		50.6	
Std. Error			1.8		1.9	1.9		1.4	0.4		2.7	
Number			190		224	215		108	9		746	
All Fish												
Sample Number			83		84	116		54	4	1	342	
Percent			24.3		24.6	33.9		15.8	1.2	0.3	100.0	
Std. Error			2.3		2.3	2.6		2.0	0.6	0.3		
Number			358		362	500		233	18	4	1475	
Statistical Weeks 36 - 38 (August 31 - Sept. 20)												
Male												
Sample Number			8		13	16		11			48	
Percent			8.3		13.5	16.7		11.5			50.0	
Std. Error			2.8		3.5	3.8		3.3			5.1	
Number			36		58	72		50			216	
Female												
Sample Number			8		21	8		9	2		48	
Percent			8.3		21.9	8.3		9.4	2.1		50.0	
Std. Error			2.8		4.2	2.8		3.0	1.5		5.1	
Number			36		95	36		40	9		216	
All Fish												
Sample Number			16		34	24		20	2		96	
Percent			16.7		35.4	25.0		20.8	2.1		100.0	
Std. Error			3.8		4.9	4.4		4.2	1.5			
Number			72		153	108		90	9		432	
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	18	2	20	426	1066	928	4	631	11	3	3109	
Percent	0.1	<0.1	0.2	6.5	21.0	13.7	0.1	9.2	0.1	<0.1	50.9	
Std. Error	<0.1	<0.1	<0.1	0.4	0.7	0.5	0.1	0.4	<0.1	<0.1	0.8	
Number	209	34	247	9390	30391	19788	130	13304	161	59	73713	
Female												
Sample Number	4		19	579	1181	989	2	467	13	3	3257	
Percent	<0.1		0.2	8.6	20.1	13.9	<0.1	6.1	0.1	0.1	49.1	
Std. Error	<0.1		0.1	0.4	0.6	0.5	<0.1	0.4	<0.1	<0.1	0.8	
Number	40		258	12429	29043	20170	14	8898	167	96	71115	
All Fish 1/												
Sample Number	28	2	49	1019	2317	1943	6	1116	25	6	6511	
Percent	0.2	<0.1	0.4	15.0	41.1	27.5	0.1	15.3	0.2	0.1	100.0	
Std. Error	<0.1	<0.1	0.1	0.5	0.8	0.7	0.1	0.5	0.1	<0.1		
Number	278	34	554	21897	59860	40085	144	22292	333	154	145631	

1/ Includes unsexed fish totals.

Appendix Table 2. Length composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week		Brood Year and Age Class										1979	
		1983		1982		1981		1980		1979			
		0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3		
Statistical Week	25 (June 15 - 21)												
Male	Avg. Length	497.5		568.6	544.4	593.4	549.4			592.5			
	Std. Error	13.3		10.1	7.5	2.8	5.2			4.4			
	Sample Size	4		7	8	54	17			14			
Female	Avg. Length	497.5		549.3	535.9	580.3	538.3			585.5			
	Std. Error	7.5		8.7	7.2	2.2	4.6			4.7			
	Sample Size	2		7	11	72	29			19			
All Fish	1/Avg. Length	497.5		558.9	540.2	585.3	543.7			587.9			
	Std. Error	8.6		6.9	4.7	1.8	3.4			3.2			
	Sample Size	6		14	21	135	49			35			
Statistical Week	26 (June 22 - 28)												
Male	Avg. Length	488.3		570.0	553.5	602.7	551.9	585.0	601.4				
	Std. Error	11.7		15.0	7.0	2.7	5.0			5.0			
	Sample Size	3		2	10	46	13	1		11			
Female	Avg. Length	470.0		580.0	543.8	584.4	532.1			590.7			
	Std. Error				10.1	2.7	5.0			6.5			
	Sample Size	1		1	8	58	26			15			
All Fish	1/Avg. Length	483.8		573.3	549.7	592.5	538.7	585.0	595.2				
	Std. Error	9.4		9.3	5.6	2.1	4.0			4.4			
	Sample Size	4		3	19	104	39	1		26			
Statistical Week	27 (June 29 - July 5)												
Male	Avg. Length				543.1	586.0	546.0			600.7			
	Std. Error				6.7	6.8	4.2			13.1			
	Sample Size				13	26	21			7			
Female	Avg. Length			555.0	526.0	576.3	544.0			579.6			
	Std. Error				6.4	3.3	4.1			6.5			
	Sample Size			1	10	31	25			12			
All Fish	Avg. Length			555.0	535.7	580.7	544.9			587.4			
	Std. Error				5.0	3.6	2.9			6.6			
	Sample Size			1	23	57	46			19			
Statistical Week	28 (July 6 - 12)												
Male	Avg. Length				537.5	603.1	569.4			601.4			
	Std. Error				4.4	3.9	11.1			8.1			
	Sample Size				6	31	8			7			
Female	Avg. Length				522.5	578.8	543.6						
	Std. Error				3.9	4.1	4.9						
	Sample Size				14	24	18						
All Fish	Avg. Length				527.0	592.5	551.5			601.4			
	Std. Error				3.4	3.3	5.3			8.1			
	Sample Size				20	55	26			7			
Statistical Week	29 (July 13 - 19)												
Male	Avg. Length				521.3	581.2	546.9	600.0	598.3				
	Std. Error				15.5	5.1	8.8			11.0			
	Sample Size				4	30	13	1		9			
Female	Avg. Length				543.3	576.1	558.1			591.3			
	Std. Error				6.6	3.2	6.3			6.4			
	Sample Size				12	54	16			12			
All Fish	Avg. Length				537.8	577.9	553.1	600.0	594.3				
	Std. Error				6.5	2.7	5.3			5.8			
	Sample Size				16	84	29	1		21			
Statistical Week	30 (July 20 - 26)												
Male	Avg. Length				585.0	529.4	580.7	534.2		620.0			
	Std. Error					9.5	8.4	8.7		8.9			
	Sample Size				1	8	23	13		5			
Female	Avg. Length					508.0	555.0	519.6		575.7			
	Std. Error					4.2	9.2	6.5		12.2			
	Sample Size					15	17	24		7			
All Fish	Avg. Length				585.0	515.4	569.8	524.7		594.2			
	Std. Error					4.7	6.5	5.3		10.1			
	Sample Size				1	23	40	37		12			
Statistical Week	31 (July 27 - August 2)												
Male	Avg. Length					527.9	605.6	552.8		617.5			
	Std. Error					11.8	7.6	8.6		13.9			
	Sample Size					12	9	18		8			
Female	Avg. Length					516.6	566.2	555.0		598.0			
	Std. Error					5.2	4.9	7.6		20.0			
	Sample Size					25	21	12		5			
All Fish	Avg. Length					520.3	578.0	553.7		610.0			
	Std. Error					5.2	5.3	5.9		11.3			
	Sample Size					37	30	30		13			

-Continued-

Appendix Table 2. Length composition of the District 101 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

		Brood Year and Age Class									
		1983		1982		1981		1980		1979	
		0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3
<b>Statistical Week 32 (August 3 - 9)</b>											
Male	Avg. Length			550.8	613.1	580.7		627.1			
	Std. Error	9.3		7.1	7.9			6.7			
	Sample Size	6		8	15			15			
Female	Avg. Length			517.9	578.8	571.2		613.9			
	Std. Error	6.6		6.1	4.3			5.6			
	Sample Size	14		13	29			9			
All Fish	Avg. Length			527.8	591.9	574.4		622.1			
	Std. Error	6.3		5.9	3.9			4.8			
	Sample Size	20		21	44			24			
<b>Statistical Week 33 (August 10 - 16)</b>											
Male	Avg. Length			580.7	607.8	594.4		625.6			
	Std. Error	9.0		6.8	7.7			6.5			
	Sample Size	7		9	16			27			
Female	Avg. Length			535.0	587.1	580.7		617.1			
	Std. Error	8.4		7.4	5.7			13.9			
	Sample Size	9		14	21			12			
All Fish	Avg. Length			555.0	595.2	586.6		622.9			
	Std. Error	8.3		5.6	4.7			6.1			
	Sample Size	16		23	37			39			
<b>Statistical Week 34 (August 17 - 23)</b>											
Male	Avg. Length	395.0		549.4	607.7	574.8		617.7			
	Std. Error			5.9	9.1	6.0		13.2			
	Sample Size	1		9	13	24		15			
Female	Avg. Length			546.3	575.8	568.0	610.0	607.5			
	Std. Error	8.6		7.6	5.4			10.4			
	Sample Size	15		13	22		1	10			
All Fish	Avg. Length	395.0		547.5	591.7	571.5	610.0	613.6			
	Std. Error			5.7	6.6	4.0		8.9			
	Sample Size	1		24	26	46	1	25			
<b>Statistical Week 35 (August 24 - 30)</b>											
Male	Avg. Length			552.7	612.5	588.7		648.8			
	Std. Error	9.5		13.3	10.0			8.8			
	Sample Size	11		4	15			4			
Female	Avg. Length			534.0	586.8	551.1		641.7			
	Std. Error	6.8		8.2	7.7			19.6			
	Sample Size	5		14	9			3			
All Fish	Avg. Length			546.9	592.5	574.6		645.7			
	Std. Error	7.1		7.3	7.7			8.9			
	Sample Size	16		18	24			7			
<b>Statistical Weeks 36 - 38 (August 31 - Sept. 20)</b>											
Male	Avg. Length			511.3	626.4	575.8		588.0			
	Std. Error	53.9		3.7	19.2			10.6			
	Sample Size	4		7	6			5			
Female	Avg. Length			560.0	583.5	575.0		607.0			
	Std. Error	5.0		5.2	10	4		7.5			
	Sample Size	2						5			
All Fish	Avg. Length			527.5	601.2	575.5		597.5			
	Std. Error	35.6		6.3	11.1			6.9			
	Sample Size	6		17	10			10			
<b>Combined Periods (Unweighted)</b>											
Male	Avg. Length	493.6	395.0	570.5	543.6	596.3	563.4	592.5	613.0	526.7	575.0
	Std. Error	8.6		7.4	3.5	1.7	2.6	7.5	3.0	4.4	
	Sample Size	7	1	10	98	260	179	2	127	3	1
Female	Avg. Length	488.3		553.3	528.0	578.1	550.7	610.0	596.5	563.0	
	Std. Error	10.1		7.5	2.2	1.3	2.0		3.0	2.0	
	Sample Size	3		9	140	341	235	1	109		
All Fish 1/Avg. Length	Avg. Length	492.0	395.0	562.4	534.6	585.9	556.2	598.3	605.1	541.2	575.0
	Std. Error	6.5		5.5	2.0	1.1	1.6	7.3	2.2	9.2	
	Sample Size	10	1	19	241	610	417	3	238	5	1

1/ Includes unsexed fish totals.

Appendix Table 3. Age composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	Brood Year and Age Class											Total	
	1983		1982		1981		1980		1979				
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
25 (June 15 - 21)													
<b>Male</b>													
Sample Number			32			32		8		2			74
Percent			22.1			22.1		5.5		1.4			51.0
Std. Error			3.5			3.5		1.9		1.0			4.2
Number			142			142		36		9			329
<b>Female</b>													
Sample Number			8			53		6		4			71
Percent			5.5			36.6		4.1		2.8			49.0
Std. Error			1.9			4.0		1.7		1.4			4.2
Number			36			235		26		18			315
<b>All Fish</b>													
Sample Number			40			85		14		6			145
Percent			27.6			58.6		9.7		4.1			100.0
Std. Error			3.7			4.1		2.5		1.7			
Number			178			377		62		27			644
26 (June 22 - 28)													
<b>Male</b>													
Sample Number			29			80		14		2		8	
Percent			11.5			31.5		5.5		0.8		3.2	
Std. Error			2.0			2.9		1.4		0.6		1.1	
Number			74			202		36		5		20	
<b>Female</b>													
Sample Number			16			70		11		1		21	
Percent			6.3			27.7		4.3		0.4		8.3	
Std. Error			1.5			2.8		1.3		0.4		1.7	
Number			40			178		28		3		53	
<b>All Fish</b>													
Sample Number			45			150		25		3		29	
Percent			17.8			59.3		9.9		1.2		11.5	
Std. Error			2.4			3.1		1.9		0.7		2.0	
Number			114			380		64		8		73	
27 (June 29 - July 5)													
<b>Male</b>													
Sample Number			28			104		19		3		12	
Percent			9.3			34.6		6.3		1.0		4.0	
Std. Error			1.7			2.7		1.4		0.6		1.1	
Number			343			1272		232		37		147	
<b>Female</b>													
Sample Number			18			93		10		1		13	
Percent			6.0			30.9		3.3		0.3		4.3	
Std. Error			1.4			2.7		1.0		0.3		1.2	
Number			220			1139		122		12		159	
<b>All Fish 1/</b>													
Sample Number			1			57		219		35		31	
Percent			0.3			16.2		62.4		10.0		8.8	
Std. Error			0.3			2.0		2.6		1.6		1.5	
Number			12			697		2681		428		379	
29 (July 13 - 19)													
<b>Male</b>													
Sample Number			1			50		178		28		1	
Percent			0.2			8.3		29.4		4.6		5.9	
Std. Error			0.2			1.1		1.9		0.9		1.0	
Number			13			629		2239		352		453	
<b>Female</b>													
Sample Number			1			21		217		21		47	
Percent			0.2			3.5		35.8		3.5		7.8	
Std. Error			0.2			0.7		1.9		0.7		1.1	
Number			13			264		2731		264		592	
<b>All Fish</b>													
Sample Number			1			71		395		49		83	
Percent			0.2			11.7		65.2		8.1		13.7	
Std. Error			0.2			1.3		1.9		1.1		1.4	
Number			13			893		4970		616		1045	
30 (July 20 - 26)													
<b>Male</b>													
Sample Number			1			51		163		43		54	
Percent			0.2			8.7		27.8		7.3		9.2	
Std. Error			0.2			1.2		1.9		1.1		1.2	
Number			15			763		2440		644		808	
<b>Female</b>													
Sample Number			19			176		24		1		52	
Percent			3.2			30.0		4.1		0.2		8.9	
Std. Error			0.7			1.9		0.8		0.2		1.2	
Number			285			2635		359		15		778	
<b>All Fish</b>													
Sample Number			1			70		339		67		106	
Percent			0.2			11.9		57.8		11.4		0.2	
Std. Error			0.2			1.3		2.0		1.3		0.2	
Number			15			1048		5075		1003		15	
													8787

-Continued-

Appendix Table 3. Age composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week	Brood Year and Age Class												Total	
	1983			1982			1981			1980				
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
31 (July 27 - August 2)														
<b>Male</b>														
Sample Number	1		1	48		162	46		68				326	
Percent	0.2		0.2	7.7		25.9	7.3		10.9				52.1	
Std. Error	0.2		0.2	1.1		1.8	1.0		1.2				2.0	
Number	23		23	1099		3711	1054		1557				7467	
<b>Female</b>														
Sample Number	1		31		171	31		65		1			300	
Percent	0.2		5.0		27.3	5.0		10.4		0.2			47.9	
Std. Error	0.2		0.9		1.8	0.9		1.2		0.2			2.0	
Number	23		710		3917	710		1489		23			6872	
<b>All Fish</b>														
Sample Number	1		2	79		333	77		133		1		626	
Percent	0.2		0.3	12.6		53.2	12.3		21.2		0.2		100.0	
Std. Error	0.2		0.2	1.3		2.0	1.3		1.6		0.2			
Number	23		46	1809		7628	1764		3046		23		14339	
32 (August 3 - 9)														
<b>Male</b>														
Sample Number	6		54	1	211	64		70		1			407	
Percent	0.8		7.1	0.1	27.8	8.4		9.2		0.1			53.6	
Std. Error	0.3		0.9	0.1	1.6	1.0		1.0		0.1			1.8	
Number	79		714	13	2789	846		925		13			5379	
<b>Female</b>														
Sample Number	8		39		212	35		59					353	
Percent	1.1		5.1		27.9	4.6		7.8					46.4	
Std. Error	0.4		0.8		1.6	0.8		1.0					1.8	
Number	106		515		2802	463		780					4666	
<b>All Fish</b>														
Sample Number	14		93	1	423	99		129		1			760	
Percent	1.8		12.2	0.1	55.7	13.0		17.0		0.1			100.0	
Std. Error	0.5		1.2	0.1	1.8	1.2		1.4		0.1				
Number	185		1229	13	5591	1309		1705		13			10045	
33 (August 10 - 16)														
<b>Male</b>														
Sample Number	48			118	68	2	63	1	1				301	
Percent	8.3			20.5	11.8	0.3	10.9	0.2	0.2				52.3	
Std. Error	1.2			1.7	1.3	0.2	1.3	0.2	0.2				2.1	
Number	483			1188	684	20	634	10	10				3029	
<b>Female</b>														
Sample Number	1		47		147	31		49					275	
Percent	0.2		8.2		25.5	5.4		8.5					47.7	
Std. Error	0.2		1.1		1.8	0.9		1.2					2.1	
Number	10		473		1479	312		493					2767	
<b>All Fish</b>														
Sample Number	1		95		265	99	2	112	1	1			576	
Percent	0.2		16.5		46.0	17.2	0.3	19.4	0.2	0.2			100.0	
Std. Error	0.2		1.5		2.1	1.6	0.2	1.7	0.2	0.2				
Number	10		956		2667	996	20	1127	10	10			5796	
34 - 39 (August 17 - Sept. 27)														
<b>Male</b>														
Sample Number	48			105	66	1	54	1					275	
Percent	7.6			16.6	10.4	0.2	8.5	0.2					43.4	
Std. Error	1.1			1.5	1.2	0.2	1.1	0.2					2.0	
Number	628			1375	864	13	707	13					3600	
<b>Female</b>														
Sample Number	63			177	71		46	1					358	
Percent	10.0			28.0	11.2		7.3	0.2					56.6	
Std. Error	1.2			1.8	1.3		1.0	0.2					2.0	
Number	825			2317	930		602	13					4687	
<b>All Fish</b>														
Sample Number	111			282	137	1	100	2					633	
Percent	17.5			44.5	21.6	0.2	15.8	0.3					100.0	
Std. Error	1.5			2.0	1.6	0.2	1.5	0.2						
Number	1453			3692	1794	13	1309	26					8287	
Combined Periods (Percentages are weighted by period catches)														
<b>Male</b>														
Sample Number	1	2	11	388	1	1153	356	9	367	3	2		2295	
Percent	<0.1	<0.1	0.3	8.1	<0.1	25.7	7.9	0.1	8.8	0.1	<0.1	<0.1	51.2	
Std. Error	<0.1	<0.1	0.1	0.4	<0.1	0.7	0.4	0.1	0.5	<0.1	<0.1	<0.1	0.3	
Number	23	28	160	4875	13	15356	4748	88	5260	36	23	16	30628	
<b>Female</b>														
Sample Number	11		262		1316	240	5	356	1	1			2192	
Percent	0.3		5.6		29.1	5.4	0.1	8.3	<0.1	<0.1	<0.1	<0.1	48.8	
Std. Error	0.1		0.4		0.7	0.4	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	0.8	
Number	152		3368		17433	3214	55	4964	13	23			29222	
<b>All Fish 1/</b>														
Sample Number	1	2	23	661	1	2491	602	18	729	4	3	2	4537	
Percent	<0.1	<0.1	0.5	13.9	<0.1	54.7	13.3	0.3	17.0	0.1	0.1	<0.1	100.0	
Std. Error	<0.1	<0.1	0.1	0.5	<0.1	0.8	0.5	0.1	0.6	<0.1	<0.1	<0.1		
Number	23	28	324	8377	13	33061	8036	192	10297	49	46	16	60462	

1/ Includes unsexed fish totals.

Appendix Table 4. Length composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class							
		1982		1981		1980		1979	
		0.3	1.2	1.3	2.2	1.4	2.3	2.4	3.3
<b>Statistical Week</b>		<b>25 (June 15 - 21)</b>							
Male	Avg. Length		521.9	586.6	535.0		582.5		
	Std. Error		5.0	4.8	9.3		17.5		
	Sample Size		32	32	8		2		
Female	Avg. Length		521.9	568.2	524.2		563.8		
	Std. Error		9.3	2.5	7.2		19.2		
	Sample Size		8	53	6		4		
All Fish	Avg. Length		521.9	575.1	530.4		570.0		
	Std. Error		4.3	2.6	6.1		13.5		
	Sample Size		40	85	14		6		
<b>Statistical Week</b>		<b>26 (June 22 - 28)</b>							
Male	Avg. Length		517.9	575.1	521.8	560.0	590.0	575.0	
	Std. Error		6.7	3.0	8.2		10.4		
	Sample Size		26	75	14	2	8		1
Female	Avg. Length		507.5	567.3	528.5	590.0	563.6		
	Std. Error		10.1	2.8	8.4		6.4		
	Sample Size		16	64	10	1	18		
All Fish	Avg. Length		513.9	571.5	524.6	570.0	571.7	575.0	
	Std. Error		5.7	2.1	5.9	10.0	5.9		
	Sample Size		42	139	24	3	26		1
<b>Statistical Week</b>		<b>27 (June 29 - July 5)</b>							
Male	Avg. Length		532.7	571.5	530.3	578.3	559.2		
	Std. Error		7.4	3.2	8.6	13.0	9.6		
	Sample Size		28	104	19	3	12		
Female	Avg. Length		525.6	573.3	542.0	595.0	558.5		
	Std. Error		6.8	2.4	8.8		12.7		
	Sample Size		18	93	10	1	13		
All Fish	Avg. Length		529.9	572.4	534.3	582.5	558.8		
	Std. Error		5.2	2.0	6.4	10.1	7.9		
	Sample Size		46	197	29	4	25		
<b>Statistical Week</b>		<b>29 (July 13 - 19)</b>							
Male	Avg. Length		529.2	587.4	540.6	585.0	590.8		
	Std. Error		7.4	3.6	10.5		16.7		
	Sample Size		18	59	9	1	6		
Female	Avg. Length		546.7	575.9	534.0	587.5	581.3		
	Std. Error		20.5	4.1	7.6	2.5	5.2		
	Sample Size		3	47	5	2	15		
All Fish	Avg. Length		531.7	582.3	538.2	586.7	584.0		
	Std. Error		6.9	2.8	7.1	1.7	5.8		
	Sample Size		21	106	14	3	21		
<b>Statistical Week</b>		<b>30 (July 20 - 26)</b>							
Male	Avg. Length		532.1	594.9	533.6		587.9		
	Std. Error		5.8	3.8	9.3		6.3		
	Sample Size		17	37	11		12		
Female	Avg. Length		540.0	579.0	520.0		561.7		
	Std. Error		25.0	3.8			4.4		
	Sample Size		2	21	1		3		
All Fish	Avg. Length		532.9	589.1	532.5		582.7		
	Std. Error		5.5	3.0	8.6		5.8		
	Sample Size		19	58	12		15		

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Appendix Table 4. Length composition of the District 106-30 (upper Clarence Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

		Brood Year and Age Class							
		1982		1981		1980		1979	
		0.3	1.2	1.3	2.2	1.4	2.3	2.4	3.3
Statistical Week	31 (July 27 - August 2)								
Male	Avg. Length	523.8	596.7	528.3		599.6			
	Std. Error	10.2	4.2	4.9		4.4			
	Sample Size	8	43	6		14			
Female	Avg. Length	539.0	577.2	540.0		577.9	585.0		
	Std. Error	23.2	4.0	11.3		7.7			
	Sample Size	5	39	9		7	1		
All Fish	Avg. Length	529.6	587.4	535.3		592.4	585.0		
	Std. Error	10.5	3.1	7.1		4.4			
	Sample Size	13	82	15		21	1		
Statistical Week	32 (August 3 - 9)								
Male	Avg. Length	610.0	520.4	593.6	557.9		590.6		
	Std. Error		13.7	3.6	6.5		9.0		
	Sample Size	2	12	49	17		18		
Female	Avg. Length	512.1	590.1	555.0		594.3			
	Std. Error	6.7	3.1	6.6		14.7			
	Sample Size	7	41	9		7			
All Fish	Avg. Length	610.0	517.4	592.0	556.9		591.6		
	Std. Error		8.9	2.4	4.7		7.5		
	Sample Size	2	19	90	26		25		
Statistical Week	33 (August 10 - 16)								
Male	Avg. Length	530.6	594.1	571.1	660.0	608.6			
	Std. Error	3.7	4.4	7.5		6.1			
	Sample Size	18	37	23	1	25			
Female	Avg. Length	527.7	578.1	570.6		591.2			
	Std. Error	7.4	3.6	4.9		8.0			
	Sample Size	11	40	8		13			
All Fish	Avg. Length	529.5	585.8	571.0	660.0	602.6			
	Std. Error	3.6	2.9	5.6		5.0			
	Sample Size	29	77	31	1	38			
Statistical Weeks	34 - 39 (August 17 - Sept. 27)								
Male	Avg. Length	532.1	594.4	562.5		627.2			
	Std. Error	9.8	5.6	9.4		14.3			
	Sample Size	7	17	18		11			
Female	Avg. Length	520.6	574.1	546.3		595.0			
	Std. Error	5.5	4.1	8.1		10.6			
	Sample Size	8	37	15		8			
All Fish	Avg. Length	526.0	580.5	555.2		613.6			
	Std. Error	5.4	3.5	6.4		9.9			
	Sample Size	15	54	33		19			
Combined Periods (Unweighted)									
Male	Avg. Length	610.0	526.3	584.6	546.5	585.7	595.7	575.0	
	Std. Error	<0.1	2.5	1.4	3.3	13.8	3.5		
	Sample Size	2	166	453	125	7	108	1	
Female	Avg. Length	522.1	574.8	543.2	590.0	576.3	585.0		
	Std. Error	3.6	1.1	3.3	2.0	3.5			
	Sample Size	78	435	73	4	88	1		
All Fish	Avg. Length	610.0	524.9	579.8	545.3	587.3	587.0	585.0	
	Std. Error	<0.1	2.0	0.9	2.4	8.6	2.6	575.0	
	Sample Size	2	244	888	198	11	196	1	

Appendix Table 5. Age composition of the District 106-41 (Summer Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	Brood Year and Age Class										Total	
	1982		1981		1980		1979					
	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3			
Statistical Week 25 (June 15 - 21)												
Male												
Sample Number	2	62	258	37	1	27				387		
Percent	0.3	8.7	36.2	5.2	0.1	3.9				54.4		
Std. Error	0.2	1.1	1.8	0.8	0.1	0.7				1.9		
Number	5	169	706	101	3	74				1058		
Female												
Sample Number	1	43	223	14	2	42				325		
Percent	0.1	6.0	31.3	2.0	0.3	5.9				45.6		
Std. Error	0.1	0.9	1.7	0.5	0.2	0.9				1.9		
Number	3	118	609	38	5	115				888		
All Fish												
Sample Number	3	105	481	51	3	69				712		
Percent	0.4	14.7	67.6	7.2	0.4	9.7				100.0		
Std. Error	0.2	1.3	1.8	1.0	0.2	1.1						
Number	8	287	1315	139	8	189				1946		
Statistical Week 26 (June 22 - 28)												
Male												
Sample Number	3	72	199	28	2	29				333		
Percent	0.5	12.1	33.6	4.7	0.3	4.9				56.2		
Std. Error	0.3	1.3	1.9	0.9	0.2	0.9				2.0		
Number	15	369	1021	144	10	149				1708		
Female												
Sample Number	3	24	191	11		31				260		
Percent	0.5	4.0	32.2	1.9		5.2				43.8		
Std. Error	0.3	0.8	1.9	0.6		0.9				2.0		
Number	15	123	981	56		159				1334		
All Fish 1/												
Sample Number	6	96	391	39	2	60				594		
Percent	1.0	16.2	65.8	6.6	0.3	10.1				100.0		
Std. Error	0.4	1.5	1.9	1.0	0.2	1.2						
Number	30	492	2007	200	10	308				3047		
Statistical Week 27 (June 29 - July 5)												
Male												
Sample Number	3	61	171	23	4	30				292		
Percent	0.5	10.4	29.0	3.9	0.7	5.1				49.6		
Std. Error	0.3	1.3	1.9	0.8	0.3	0.9				2.1		
Number	67	1356	3801	511	89	667				6491		
Female												
Sample Number	2	23	218	21	1	31	1			297		
Percent	0.3	3.9	37.0	3.6	0.2	5.3	0.2			50.4		
Std. Error	0.2	0.8	2.0	0.8	0.2	0.9	0.2			2.1		
Number	44	511	4847	467	22	689	22			6602		
All Fish												
Sample Number	5	84	389	44	5	61	1			589		
Percent	0.8	14.3	66.0	7.5	0.8	10.4	0.2			100.0		
Std. Error	0.4	1.4	2.0	1.1	0.4	1.3	0.2					
Number	111	1867	8648	978	111	1356	22			13093		
Statistical Week 30 (July 20 - 26)												
Male												
Sample Number	1	45	179	24		50				299		
Percent	0.2	6.9	27.4	3.7		7.6				45.7		
Std. Error	0.2	1.0	1.7	0.7		1.0				1.9		
Number	19	870	3463	464		967				5783		
Female												
Sample Number	1	36	237	29		52				355		
Percent	0.2	5.5	36.2	4.4		8.0				54.3		
Std. Error	0.2	0.9	1.9	0.8		1.1				1.9		
Number	19	696	4584	561		1006				6866		
All Fish 1/												
Sample Number	2	81	416	54		102				655		
Percent	0.3	12.4	63.5	8.2		15.6				100.0		
Std. Error	0.2	1.3	1.9	1.1		1.4						
Number	38	1866	8048	1044		1973				12669		
Statistical Week 31 (July 27 - August 2)												
Male												
Sample Number		38	156	46	1	51				292		
Percent		6.3	26.0	7.7	0.2	8.5				48.6		
Std. Error		1.0	1.8	1.1	0.2	1.1				2.0		
Number		1215	4987	1471	32	1630				9335		
Female												
Sample Number		25	189	33	2	60				309		
Percent		4.2	31.4	5.5	0.3	10.0				51.4		
Std. Error		0.8	1.9	0.9	0.2	1.2				2.0		
Number		799	6043	1055	64	1918				9879		
All Fish 1/												
Sample Number		63	346	79	3	111				602		
Percent		10.5	57.5	13.1	0.5	18.4				100.0		
Std. Error		1.2	2.0	1.4	0.3	1.6						
Number		2014	11062	2526	96	3548				19246		

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Appendix Table 5. Age composition of the District 106-41 (Summer Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class										
	1982		1981		1980		1979			Total
	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
Statistical Week	32 (August 3 - 9)									
Male										
Sample Number	58	159	45	3	58		1			324
Percent	8.4	23.1	6.6	0.4	8.4		0.1			47.2
Std. Error	1.1	1.6	0.9	0.3	1.1		0.1			1.9
Number	1245	3417	966	64	1245		21			6958
Female										
Sample Number	1	65	185	52	2	57		1		363
Percent	0.1	9.5	26.9	7.6	0.3	8.3		0.1		52.8
Std. Error	0.1	1.1	1.7	1.0	0.2	1.1		0.1		1.9
Number	21	1396	3973	1117	43	1224		21		7795
All Fish 1/										
Sample Number	1	123	345	97	5	115		2		688
Percent	0.1	17.9	50.1	14.1	0.7	16.7		0.3		100.0
Std. Error	0.1	1.5	1.9	1.3	0.3	1.4		0.2		
Number	21	2641	7411	2083	107	2469		42		14774
Statistical Week	33 (August 10 - 16)									
Male										
Sample Number	1	36	133	57	2	68		1		298
Percent	0.2	6.0	22.2	9.5	0.3	11.4		0.2		49.7
Std. Error	0.2	1.0	1.7	1.2	0.2	1.3		0.2		2.0
Number	23	845	3123	1340	47	1597		23		6998
Female										
Sample Number	37	156	53	1	54					301
Percent	6.2	26.0	8.8	0.2	9.0					50.3
Std. Error	1.0	1.8	1.2	0.2	1.2					2.0
Number	869	3663	1245	23	1268					7068
All Fish										
Sample Number	1	73	289	110	3	122		1		599
Percent	0.2	12.2	48.2	18.4	0.5	20.4		0.2		100.0
Std. Error	0.2	1.3	2.0	1.6	0.3	1.6		0.2		
Number	23	1714	6786	2585	70	2865		23		14066
Statistical Week	34 (August 17 - 23)									
Male										
Sample Number	2	52	122	64	2	77				319
Percent	0.3	8.5	19.9	10.4	0.3	12.6				52.0
Std. Error	0.2	1.1	1.6	1.2	0.2	1.3				2.0
Number	16	418	981	514	16	619				2564
Female										
Sample Number	1	41	154	51	1	44		1		294
Percent	0.2	6.7	25.1	8.3	0.2	7.2	0.2	0.2		48.0
Std. Error	0.2	1.0	1.8	1.1	0.2	1.0	0.2	0.2		2.0
Number	8	330	1237	410	8	354		8		2363
All Fish										
Sample Number	3	93	276	115	3	121		1		613
Percent	0.5	15.2	45.0	18.8	0.5	19.7	0.2	0.2		100.0
Std. Error	0.3	1.5	2.0	1.6	0.3	1.6	0.2	0.2		
Number	24	748	2218	924	24	973		8		4927
Statistical Weeks	35 - 39 (August 24 - Sept. 27)									
Male										
Sample Number	11	37	16		14	1				79
Percent	6.5	22.0	9.5		8.3	0.6				47.0
Std. Error	1.9	3.2	2.3		2.1	0.6				3.9
Number	97	325	140		123	9				694
Female										
Sample Number	13	44	18		13	1				89
Percent	7.7	26.2	10.7		7.7	0.6				53.0
Std. Error	2.1	3.4	2.4		2.1	0.6				3.9
Number	114	386	158		114	9				781
All Fish										
Sample Number	24	81	34		27	2				168
Percent	14.3	48.2	20.2		16.1	1.2				100.0
Std. Error	2.7	3.9	3.1		2.8	0.8				
Number	211	711	298		237	18				1475
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	12	435	1414	340	15	404	1	1	1	2623
Percent	0.2	7.7	25.6	6.6	0.3	8.3	<0.1	<0.1	<0.1	48.8
Std. Error	0.1	0.4	0.7	0.4	0.1	0.4	<0.1	<0.1	<0.1	0.8
Number	145	6584	21824	5651	261	7071	9	21	23	41589
Female										
Sample Number	9	307	1597	282	9	384	3	1	1	2593
Percent	0.1	5.8	30.9	6.0	0.2	8.0	<0.1	<0.1	<0.1	51.2
Std. Error	0.1	0.4	0.7	0.4	0.1	0.4	<0.1	<0.1	<0.1	0.8
Number	111	4956	26323	5107	165	6847	39	21	8	43576
All Fish 1/										
Sample Number	21	742	3014	623	24	788	4	2	2	5220
Percent	0.3	13.5	56.5	12.6	0.5	16.3	0.1	0.1	<0.1	100.0
Std. Error	0.1	0.5	0.8	0.5	0.1	0.6	<0.1	<0.1	<0.1	
Number	255	11540	48206	10777	426	13918	48	42	31	85243

1/ Includes unsexed fish totals.

Appendix Table 6. Length composition of the District 106-41 (Summer Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Statistical Week	25	Brood Year and Age Class						
			1982		1981		1980		
			0.3	1.2	1.3	2.2	1.4	2.3	3.2
<b>Statistical Week 25 (June 15 - 21)</b>									
Male	Avg. Length	554.0	514.0	570.9	522.4	620.0	575.6		
	Std. Error	11.0	3.3	1.6	5.7		5.2		
	Sample Size	2	62	258	37	1	27		
Female	Avg. Length	610.0	517.1	566.0	532.1	580.0	568.5		
	Std. Error		4.5	1.6	5.2	25.0	3.8		
	Sample Size	1	43	223	14	2	42		
All Fish	Avg. Length	572.7	515.3	568.7	525.1	593.3	571.2		
	Std. Error	19.7	2.7	1.1	4.4	19.6	3.1		
	Sample Size	3	105	481	51	3	69		
<b>Statistical Week 26 (June 22 - 28)</b>									
Male	Avg. Length		523.1	579.0	527.5		573.6		
	Std. Error		6.6	3.2	11.6		7.8		
	Sample Size		24	64	8		14		
Female	Avg. Length		516.2	564.9	508.0		565.0		
	Std. Error		9.6	2.3	7.2		7.6		
	Sample Size		13	66	5		12		
All Fish	Avg. Length		520.7	571.8	520.0		569.6		
	Std. Error		5.4	2.0	7.9		5.4		
	Sample Size		37	130	13		26		
<b>Statistical Week 27 (June 29 - July 5)</b>									
Male	Avg. Length		531.2	579.6	518.8	583.8	573.8		
	Std. Error		4.7	3.3	7.0	23.0	7.0		
	Sample Size		37	70	13	4	16		
Female	Avg. Length		557.5	520.6	570.3	532.5	570.0	569.1	560.0
	Std. Error		7.5	7.3	1.9	11.3		7.1	
	Sample Size		2	9	101	4	1	11	1
All Fish	Avg. Length		557.5	529.1	574.1	522.1	581.0	571.9	560.0
	Std. Error		7.5	4.0	1.8	6.0	18.1	5.0	
	Sample Size		2	46	171	17	5	27	1
<b>Statistical Week 30 (July 20 - 26)</b>									
Male	Avg. Length		536.3	586.4	525.0		573.9		
	Std. Error		7.1	4.0			10.3		
	Sample Size		8	33	1		9		
Female	Avg. Length		536.7	566.6	532.1		571.3		
	Std. Error		6.0	2.8	4.6		4.6		
	Sample Size		3	58	7		19		
All Fish	Avg. Length		536.4	573.7	531.3		572.1		
	Std. Error		5.3	2.5	4.1		4.5		
	Sample Size		11	91	8		28		
<b>Statistical Week 31 (July 27 - August 2)</b>									
Male	Avg. Length		520.0	590.6	533.5		600.0		
	Std. Error		9.8	4.7	3.9		10.2		
	Sample Size		4	24	10		4		
Female	Avg. Length		530.0	571.5	536.9	615.0	578.8		
	Std. Error		12.2	4.4	6.3		15.1		
	Sample Size		4	30	8	1	8		
All Fish	Avg. Length		525.0	580.0	535.0	615.0	585.8		
	Std. Error		7.5	3.4	3.5		10.7		
	Sample Size		8	54	18	1	12		

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Appendix Table 6. Length composition of the District 106-41 (Sumner Strait) gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

		Brood Year and Age Class						
		1982		1981		1980		
		0.3	1.2	1.3	2.2	1.4	2.3	3.2
Statistical Week	32 (August 3 - 9)							
Male	Avg. Length	518.5	594.5	525.0		605.6		
	Std. Error	5.5	5.3	10.7		10.1		
	Sample Size	10	29	9		8		
Female	Avg. Length	533.8	575.5	547.0	592.5	585.0		
	Std. Error	6.5	3.3	4.6	12.5	7.4		
	Sample Size	8	42	5	2	9		
All Fish	Avg. Length	525.3	583.2	532.9	592.5	594.7		
	Std. Error	4.5	3.1	7.5	12.5	6.5		
	Sample Size	18	71	14	2	17		
Statistical Week	33 (August 10 - 16)							
Male	Avg. Length	533.6	594.7	559.2		609.6		
	Std. Error	10.2	5.3	7.1		7.3		
	Sample Size	7	34	13		14		
Female	Avg. Length	531.1	580.9	553.5		604.2		
	Std. Error	7.3	3.0	8.6		9.0		
	Sample Size	9	35	10		11		
All Fish	Avg. Length	532.2	587.7	556.7		607.2		
	Std. Error	5.9	3.1	5.4		5.6		
	Sample Size	16	69	23		25		
Statistical Week	34 (August 17 - 23)							
Male	Avg. Length	580.0	545.0	595.0	557.8	627.5	605.7	
	Std. Error		5.0	3.1	8.3	52.5	4.6	
	Sample Size	1	24	69	30	2	43	
Female	Avg. Length	530.7	576.9	549.2		570.8	560.0	
	Std. Error	4.9	2.9	7.1		5.4		
	Sample Size	21	71	26		25	1	
All Fish	Avg. Length	580.0	538.3	585.8	553.8	627.5	592.9	
	Std. Error		3.6	2.3	5.5	52.5	4.1	
	Sample Size	1	45	140	56	2	68	
							1	
Statistical Weeks	35 - 39 (August 24 - Sept. 27)							
Male	Avg. Length	537.5	598.1	552.1		618.0	515.0	
	Std. Error	12.6	5.1	11.4		8.3		
	Sample Size	6	21	7		10	1	
Female	Avg. Length	513.8	582.7	543.3		561.0		
	Std. Error	11.4	5.6	10.7		13.4		
	Sample Size	8	28	9		5		
All Fish	Avg. Length	523.9	589.3	547.2		599.0	515.0	
	Std. Error	8.8	4.0	7.7		9.9		
	Sample Size	14	49	16		15	1	
Combined Periods (Unweighted)								
Male	Avg. Length	562.7	525.7	580.6	537.1	601.4	592.6	
	Std. Error	10.7	2.1	1.1	3.3	18.8	2.7	
	Sample Size	3	182	602	128	7	145	
Female	Avg. Length	575.0	522.6	570.2	540.7	588.3	573.1	
	Std. Error	18.0	2.5	0.9	3.0	9.6	2.3	
	Sample Size	3	118	654	88	6	142	
							<0.1	
All Fish	Avg. Length	568.8	524.5	575.2	538.6	595.4	582.9	
	Std. Error	9.8	1.6	0.7	2.3	10.8	1.9	
	Sample Size	6	300	1256	216	13	287	
							3	

Appendix Table 7. Age composition of the District 108 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class								
	1983		1982		1981		1980		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total	
Statistical Weeks	25	-	30	(June 15 - July 26)					
Male									
Sample Number	1		4	10	222	5	1	7	
Percent	0.2		0.8	1.9	41.7	0.9	0.2	1.3	
Std. Error	0.2		0.4	0.6	2.1	0.4	0.2	0.5	
Number	4		15	39	857	19	4	27	
Female									
Sample Number			10	8	247	5		12	
Percent			1.9	1.5	46.4	0.9		2.3	
Std. Error			0.6	0.5	2.2	0.4		0.6	
Number			39	31	953	19		46	
All Fish									
Sample Number	1		14	18	469	10	1	19	
Percent	0.2		2.6	3.4	88.2	1.9	0.2	3.6	
Std. Error	0.2		0.7	0.8	1.4	0.6	0.2	0.8	
Number	4		54	70	1810	38	4	73	
Statistical Week	31	(July 27 - August 2)							
Male									
Sample Number	1		12	23	179	8		6	
Percent	0.2		2.6	4.9	38.2	1.7		1.3	
Std. Error	0.2		0.7	1.0	2.2	0.6		0.5	
Number	1		17	33	261	12		9	
Female									
Sample Number			19	10	198	2		11	
Percent			4.1	2.1	42.2	0.4		2.3	
Std. Error			0.9	0.7	2.3	0.3		0.7	
Number			28	15	288	3		16	
All Fish									
Sample Number	1		31	33	377	10		17	
Percent	0.2		6.6	7.0	80.4	2.1		3.6	
Std. Error	0.2		1.1	1.2	1.8	0.7		0.9	
Number	1		45	48	549	15		25	
Statistical Weeks	32	-	37	(August 3 - Sept. 13)					
Male									
Sample Number	1		18	10	126	3		3	
Percent	0.3		4.8	2.7	33.4	0.8		0.8	
Std. Error	0.3		1.1	0.8	2.4	0.5		0.5	
Number	4		69	38	485	12		12	
Female									
Sample Number	2		25	12	169	1	1	6	
Percent	0.5		6.6	3.2	44.8	0.3	0.3	1.6	
Std. Error	0.4		1.3	0.9	2.6	0.3	0.3	0.6	
Number	8		96	46	650	4	4	23	
All Fish									
Sample Number	3		43	22	295	4	1	9	
Percent	0.8		11.4	5.8	78.2	1.1	0.3	2.4	
Std. Error	0.5		1.6	1.2	2.1	0.5	0.3	0.8	
Number	12		165	84	1135	16	4	35	
Combined Periods (Percentages are weighted by period catches)									
Male									
Sample Number	3		34	43	527	16	1	16	
Percent	0.2		2.4	2.6	38.3	1.0	0.1	1.1	
Std. Error	0.1		0.4	0.4	1.4	0.3	0.1	0.3	
Number	9		101	110	1603	43	4	48	
Female									
Sample Number	2		54	30	614	8	1	29	
Percent	0.2		3.9	2.2	45.2	0.6	0.1	2.0	
Std. Error	0.1		0.6	0.4	1.4	0.2	0.1	0.4	
Number	8		163	92	1891	26	4	85	
All Fish									
Sample Number	5		88	73	1141	24	2	45	
Percent	0.4		6.3	4.8	83.5	1.6	0.2	3.2	
Std. Error	0.2		0.7	0.6	1.1	0.4	0.1	0.5	
Number	17		264	202	3494	69	8	133	
								4187	

Appendix Table 8. Length composition of the District 108 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class						
		1982		1981		1980		
		0.3	1.2	1.3	2.2	1.4	2.3	
Statistical Weeks		25 - 30	(June 15 - July 26)					
Male	Avg. Length		501.3	595.2	492.5	595.0		
	Std. Error		13.5	2.1	47.5			
	Sample Size		8	91	2		1	
Female	Avg. Length	595.0	485.0	574.0	516.7	578.3		
	Std. Error		15.9	2.3	3.3	15.9		
	Sample Size		1	4	87		3	
All Fish	Avg. Length	595.0	495.8	584.8	507.0	582.5		
	Std. Error		10.3	1.7	16.2	12.0		
	Sample Size		1	12	178		4	
Statistical Week		31	(July 27 - August 2)					
Male	Avg. Length	612.5	559.2	602.0	556.7	585.0		
	Std. Error	22.5	19.6	2.5	29.2	30.0		
	Sample Size	2	6	47			2	
Female	Avg. Length	581.3	487.5	581.9		582.5		
	Std. Error	9.7	32.5	2.8		12.5		
	Sample Size	4	2	51			2	
All Fish	Avg. Length	591.7	541.3	591.5	556.7	583.8		
	Std. Error	10.7	19.5	2.1	29.2	13.3		
	Sample Size	6	8	98			4	
Statistical Weeks		32 - 37	(August 3 - Sept. 13)					
Male	Avg. Length	598.0	521.7	596.7	490.0	575.0		
	Std. Error	10.1	54.6	2.8				
	Sample Size	5	3	35	1		1	
Female	Avg. Length	575.6	515.0	570.3		580.0	540.0	
	Std. Error	5.0	7.6	2.7				
	Sample Size	8	5	58		1	1	
All Fish	Avg. Length	584.2	517.5	580.3	490.0	580.0	557.5	
	Std. Error	5.7	18.5	2.4			17.5	
	Sample Size	13	8	93	1	1	2	
Combined Periods (Unweighted)								
Male	Avg. Length	602.1	525.3	597.3	524.2	585.0		
	Std. Error	8.9	13.7	1.4	23.1	12.9		
	Sample Size	7	17	173	6		4	
Female	Avg. Length	578.8	499.1	575.0	516.7	580.0	573.3	
	Std. Error	4.3	8.9	1.5	3.3	10.3		
	Sample Size	13	11	196	3	1	6	
All Fish	Avg. Length	587.0	515.0	585.5	521.7	580.0	578.0	
	Std. Error	4.8	9.2	1.2	15.0		7.8	
	Sample Size	20	28	369	9	1	10	

Appendix Table 9. Age composition of the Canadian commercial gillnet catch of sockeye salmon on the lower Stikine River by sex, age class, and fishing period, 1986. 1/

Statistical Week	Brood Year and Age Class								Total	
	1983		1982		1981		1980			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3		
<b>Statistical Week 26 (June 22 - 28)</b>										
<b>Male</b>										
Sample Number		1	1	7					9	
Percent		7.1	7.1	50.0					64.3	
Std. Error		7.1	7.1	13.9					13.3	
Number		3	3	21					27	
<b>Female</b>										
Sample Number		2	3						5	
Percent		14.3	21.4						35.7	
Std. Error		9.7	11.4						13.3	
Number		6	9						15	
<b>All Fish</b>										
Sample Number		1	3	10					14	
Percent		7.1	21.4	71.4					100.0	
Std. Error		7.1	11.4	12.5						
Number		3	9	30					42	
<b>Statistical Week 27 (June 29 - July 5)</b>										
<b>Male</b>										
Sample Number	1		2	7	58			1	69	
Percent	0.6		1.2	4.1	33.9			0.6	40.4	
Std. Error	0.6		0.8	1.5	3.6			0.6	3.8	
Number	4		8	29	244			4	289	
<b>Female</b>										
Sample Number		5	91					6	102	
Percent		2.9	53.2					3.5	59.6	
Std. Error		1.3	3.8					1.4	3.8	
Number		21	380					25	426	
<b>All Fish</b>										
Sample Number	1		2	12	149			7	171	
Percent	0.6		1.2	7.0	87.1			4.1	100.0	
Std. Error	0.6		0.8	2.0	2.6			1.5		
Number	4		8	50	624			29	715	
<b>Statistical Week 28 (July 6 - 12)</b>										
<b>Male</b>										
Sample Number	2		7	81				4	94	
Percent	0.7		2.4	27.5				1.4	31.9	
Std. Error	0.5		0.9	2.6				0.7	2.7	
Number	22		76	874				43	1015	
<b>Female</b>										
Sample Number		8	175					18	201	
Percent		2.7	59.3					6.1	68.1	
Std. Error		0.9	2.9					1.4	2.7	
Number		86	1888					194	2168	
<b>All Fish 2/</b>										
Sample Number	2		15	257				22	296	
Percent	0.7		5.1	86.8				7.4	100.0	
Std. Error	0.5		1.3	2.0				1.5		
Number	22		162	2772				237	3193	
<b>Statistical Week 29 (July 13 - 19)</b>										
<b>Male</b>										
Sample Number		1	14	112	4			9	140	
Percent		0.3	4.5	36.1	1.3			2.9	45.2	
Std. Error		0.3	1.2	2.7	0.6			1.0	2.8	
Number		6	79	629	22			51	787	
<b>Female</b>										
Sample Number	2		12	140	4			11	170	
Percent	0.6	3.9	45.2	1.3	0.3			3.5	54.8	
Std. Error	0.5	1.1	2.8	0.6	0.3			1.1	2.8	
Number	11	67	787	22	6			62	955	
<b>All Fish</b>										
Sample Number	3		26	252	8			20	310	
Percent	1.0	8.4	81.3	2.6	0.3			6.5	100.0	
Std. Error	0.6	1.6	2.2	0.9	0.3			1.4		
Number	17	146	1416	44	6			113	1742	
<b>Statistical Week 30 (July 20 - 26)</b>										
<b>Male</b>										
Sample Number	5	1	2	28	78	5		9	128	
Percent	1.7	0.3	0.7	9.3	25.9	1.7		3.0	42.5	
Std. Error	0.7	0.3	0.5	1.7	2.5	0.7		1.0	2.9	
Number	28	6	11	157	439	28		51	720	
<b>Female</b>										
Sample Number	1		11	129	15			17	173	
Percent	0.3		3.7	42.9	5.0			5.6	57.5	
Std. Error	0.3		1.1	2.9	1.3			1.3	2.9	
Number	6		62	726	84			95	973	
<b>All Fish</b>										
Sample Number	6	1	2	39	207	20		26	301	
Percent	2.0	0.3	0.7	13.0	68.8	6.6		8.6	100.0	
Std. Error	0.8	0.3	0.5	1.9	2.7	1.4		1.6		
Number	34	6	11	219	1165	112		146	1693	

-Continued-

Appendix Table 9. Age composition of the Canadian commercial gillnet catch of sockeye salmon on the lower Stikine River by sex, age class, and fishing period, 1986 (continued). 1/

Statistical Week	Brood Year and Age Class									Total	
	1983		1982		1981		1980				
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3			
Statistical Week 31 (July 27 - August 2)											
Male											
Sample Number	5		3	33	102	7		5	155		
Percent	1.6		1.0	10.6	32.9	2.3		1.6	50.0		
Std. Error	0.7		0.6	1.8	2.7	0.8		0.7	2.8		
Number	49		29	322	995	68		49	1512		
Female											
Sample Number			5	10	131	5		4	155		
Percent			1.6	3.2	42.3	1.6		1.3	50.0		
Std. Error			0.7	1.0	2.8	0.7		0.6	2.8		
Number			49	98	1277	49		39	1512		
All Fish 2/											
Sample Number	6		8	45	239	12		9	319		
Percent	1.9		2.5	14.1	74.9	3.8		2.8	100.0		
Std. Error	0.8		0.9	2.0	2.4	1.1		0.9			
Number	59		78	439	2330	117		88	3111		
Statistical Week 32 (August 3 - 9)											
Male											
Sample Number	4		5	33	74	4	2	2	124		
Percent	1.5		1.8	12.1	27.2	1.5	0.7	0.7	45.6		
Std. Error	0.7		0.8	2.0	2.7	0.7	0.5	0.5	3.0		
Number	14		17	115	257	14	7	7	431		
Female											
Sample Number	1		9	22	108	4	1	3	148		
Percent	0.4		3.3	8.1	39.7	1.5	0.4	1.1	54.4		
Std. Error	0.4		1.1	1.7	3.0	0.7	0.4	0.6	3.0		
Number	3		31	76	377	14	3	10	514		
All Fish											
Sample Number	5		14	55	182	8	3	5	272		
Percent	1.8		5.1	20.2	66.9	2.9	1.1	1.8	100.0		
Std. Error	0.8		1.3	2.4	2.9	1.0	0.6	0.8			
Number	17		48	191	634	28	10	17	945		
Statistical Weeks 33 - 35 (August 10 - 30)											
Male											
Sample Number	1	1	2	17	45	3	1	2	72		
Percent	0.6	0.6	1.3	10.8	28.5	1.9	0.6	1.3	45.6		
Std. Error	0.6	0.6	0.9	2.5	3.6	1.1	0.6	0.9	4.0		
Number	6	6	12	104	278	18	6	12	442		
Female											
Sample Number			5	12	61	4		4	86		
Percent			3.2	7.6	38.6	2.5		2.5	54.4		
Std. Error			1.4	2.1	3.9	1.3		1.3	4.0		
Number			31	74	373	25		25	528		
All Fish											
Sample Number	1	1	7	29	106	7	1	6	158		
Percent	0.6	0.6	4.4	18.4	67.1	4.4	0.6	3.8	100.0		
Std. Error	0.6	0.6	1.6	3.1	3.8	1.6	0.6	1.5			
Number	6	6	43	178	651	43	6	37	970		
Combined Periods (Percentages are weighted by period catches)											
Male											
Sample Number	18	2	16	140	557	23	3	32	791		
Percent	1.0	0.1	0.7	7.2	30.3	1.2	0.1	1.8	42.4		
Std. Error	0.3	0.1	0.2	0.6	1.2	0.3	0.1	0.3	1.2		
Number	123	12	86	885	3737	151	13	217	5223		
Female											
Sample Number	2		21	82	838	32	2	63	1040		
Percent	0.1		1.0	4.0	47.2	1.6	0.1	3.7	57.6		
Std. Error	0.1		0.2	0.5	1.2	0.3	0.1	0.5	1.2		
Number	9		122	490	5817	194	9	450	7091		
All Fish 2/											
Sample Number	21	2	37	224	1402	55	5	95	1841		
Percent	1.1	0.1	1.7	11.2	77.5	2.8	0.2	5.4	100.0		
Std. Error	0.3	0.1	0.3	0.8	1.0	0.4	0.1	0.6			
Number	142	12	208	1394	9622	344	22	667	12411		

1/ Data collected jointly by the Canadian Dept. of Fisheries and Oceans and the Alaska Dept. of Fish and Game. Catch statistics were obtained from the Canadian Dept. of Fisheries and Oceans, Whitehorse, Yukon Territory.

2/ Includes unsexed fish totals.

Appendix Table 10. Length composition of the Canadian commercial gillnet catch of sockeye salmon on the lower Stikine River by sex, age class, and fishing period, 1986. 1/

		Brood Year and Age Class					
		1983		1982		1981	
		0.2	0.3	1.2	1.3	2.2	1980
<b>Statistical Week 26 (June 22 - 28)</b>							
Male	Avg. Length	575.0	497.0	582.9			
	Std. Error			6.8			
	Sample Size	1	1	7			
Female	Avg. Length		506.5	548.0			
	Std. Error		6.5	22.2			
	Sample Size		2	3			
All Fish	Avg. Length	575.0	503.3	572.4			
	Std. Error		4.9	9.1			
	Sample Size	1	3	10			
<b>Statistical Week 27 (June 29 - July 5)</b>							
Male	Avg. Length	430.0	570.0	470.0	591.7		590.0
	Std. Error		10.0	15.2	3.1		
	Sample Size	1	2	7	58		1
Female	Avg. Length			525.0	571.2		570.0
	Std. Error			8.4	2.2		9.0
	Sample Size			5	91		6
All Fish	Avg. Length	430.0	570.0	492.9	579.2		572.9
	Std. Error		10.0	12.3	1.9		8.2
	Sample Size	1	2	12	149		7
<b>Statistical Week 28 (July 6 - 12)</b>							
Male	Avg. Length	432.5		520.0	597.3		593.8
	Std. Error	17.5		24.2	2.2		13.8
	Sample Size	2		7	81		4
Female	Avg. Length			518.8	576.5		582.8
	Std. Error			13.5	1.4		4.4
	Sample Size			8	175		18
All Fish	Avg. Length	432.5		519.3	583.1		584.8
	Std. Error	17.5		12.8	1.3		4.3
	Sample Size	2		15	256		22
<b>Statistical Week 29 (July 13 - 19) 2/</b>							
Male	Avg. Length	580.0	512.9	590.6	499.5		597.2
	Std. Error		11.1	2.1	27.6		5.3
	Sample Size	1	14	112	4		9
Female	Avg. Length	560.0	522.5	575.5	528.8	545.0	573.6
	Std. Error		4.9	1.7	10.5		5.0
	Sample Size	2	12	139	4	1	11
All Fish	Avg. Length	566.7	517.3	582.3	514.1	545.0	584.3
	Std. Error	6.7	6.3	1.4	14.8		4.5
	Sample Size	3	26	251	8	1	20
<b>Combined Periods (Unweighted)</b>							
Male	Avg. Length	431.7	573.8	503.7	592.8	499.5	595.7
	Std. Error	10.1	4.7	9.1	1.4	27.6	4.9
	Sample Size	3	4	29	258	4	14
Female	Avg. Length			574.8	528.8	545.0	577.7
	Std. Error		<0.1	4.7	1.0	10.5	3.2
	Sample Size		2	27	408	4	35
All Fish	Avg. Length	431.7	569.2	511.9	581.7	514.1	582.9
	Std. Error	10.1	4.2	5.3	0.9	14.8	2.9
	Sample Size	3	6	56	666	8	49

1/ Data collected jointly by the Canadian Dept. of Fisheries and Oceans and the Alaska Department of Fish and Game. Catch statistics were obtained from the Canadian Dept. of Fisheries and Oceans, Whitehorse, Yukon Territory.

2/ No lengths were taken after 19 July.

Appendix Table 11. Age composition of the District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	Brood Year and Age Class												Total	
	1983		1982		1981		1980		1979					
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
Statistical Week 25 (June 15 - 21)														
Male														
Sample Number			5				26			3				34
Percent			7.5				38.8			4.5				50.7
Std. Error			3.2				6.0			2.5				6.2
Number			39				285			24				268
Female														
Sample Number			2	11			19			1				33
Percent			3.0	16.4			28.4			1.5				49.3
Std. Error			2.1	4.6			5.5							6.2
Number			16	87			150			8				261
All Fish 1/														
Sample Number			3	21			54			4				82
Percent			3.7	25.6			65.9			4.9				100.0
Std. Error			2.1	4.8			5.3			2.4				
Number			24	165			425			32				546
Statistical Week 26 (June 22 - 28)														
Male														
Sample Number	1		10	54			114	7	2	9				197
Percent	0.3		2.6	14.2			29.9	1.8	0.5	2.4				51.7
Std. Error			0.8	1.8			2.3	0.7	0.4	0.8				2.6
Number	4		42	229			484	30	8	38				835
Female														
Sample Number			7	67			91	4		15				184
Percent			1.8	17.6			23.9	1.0		3.9				48.3
Std. Error			0.7	2.0			2.2	0.5		1.0				2.6
Number			38	284			386	17		64				781
All Fish														
Sample Number	1		17	121			205	11	2	24				381
Percent	0.3		4.5	31.8			53.8	2.9	0.5	6.3				100.0
Std. Error			1.1	2.4			2.6	0.9	0.4	1.2				
Number	4		72	513			870	47	8	102				1616
Statistical Week 27 (June 29 - July 5)														
Male														
Sample Number	2		12	61			192	3		22		1		293
Percent	0.3		2.1	10.5			33.2	0.5		3.8		0.2		50.6
Std. Error			0.6	1.3			2.0	0.3		0.8				2.1
Number	13		81	412			1295	20		148		7		1976
Female														
Sample Number			14	62			181	1	3	25				286
Percent			2.4	10.7			31.3	0.2	0.5	4.3				49.4
Std. Error			0.6	1.3			1.9	0.3	0.3	0.8				2.1
Number			94	418			1221	7	20	169				1329
All Fish 1/														
Sample Number	2		27	124			375	4	3	47		1		583
Percent	0.3		4.6	21.3			64.3	0.7	0.5	8.1		0.2		100.0
Std. Error			0.6	1.7			2.0	0.3	0.3	0.3				
Number	13		182	837			2530	27	20	317		7		3933
Statistical Week 28 (July 6 - 12)														
Male														
Sample Number	3		24	84	1		440	11	2	85				650
Percent	0.2		1.9	6.8	0.1		35.6	0.9	0.2	6.9				52.6
Std. Error			0.4	0.7			1.4	0.3	0.1	0.7				1.4
Number	20		161	564	7		2955	74	13	571				4365
Female														
Sample Number	1		22	33		1	445	2	1	80				585
Percent	0.1		1.8	2.7		0.1	36.0	0.2	0.1	6.5				47.4
Std. Error			0.4	0.5			1.4	0.1	0.1	0.7				1.4
Number	7		148	222		7	2988	13	7	536				3928
All Fish 1/														
Sample Number	4		46	117	1	1	885	13	3	166				1236
Percent	0.3		3.7	9.5	0.1	0.1	71.6	1.1	0.2	13.4				100.0
Std. Error			0.5	0.8			1.3	0.3	0.1	1.0				
Number	27		309	786	7	7	5943	87	20	1114				8300

-Continued-

Appendix Table 11. Age composition of the District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week	Brood Year and Age Class												Total	
	1983		1982		1981		1980		1979					
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
29 (July 13 - 19)														
<b>Male</b>														
Sample Number	1		20	76		3	301	5	2	40				448
Percent	0.1		2.2	8.5		0.3	33.9	0.6	0.2	4.5				50.4
Std. Error			0.5	0.9		0.2	1.6	0.3	0.2	0.7				1.7
Number	14		271	1031		41	4083	68	27	543				6078
<b>Female</b>														
Sample Number			28	36			319	4	1	53				441
Percent			3.1	4.0			35.9	0.4	0.1	6.0				49.6
Std. Error			0.6	0.7			1.6	0.2		0.8				1.7
Number	380		488				4328	54	14	719				5983
<b>All Fish 1/</b>														
Sample Number	1		49	112		3	628	9	3	94				899
Percent	0.1		5.5	12.5		0.3	69.9	1.0	0.3	10.5				100.0
Std. Error			0.8	1.1		0.2	1.5	0.3	0.2	1.0				
Number	14		665	1519		41	8519	122	41	1275				12196
30 (July 20 - 26)														
<b>Male</b>														
Sample Number	8		65	51			291	3	1	37				457
Percent	0.9		7.4	5.8			33.2	0.3	0.1	4.2				52.2
Std. Error	0.3		0.9	0.8			1.6	0.2		0.7				1.7
Number	90		735	577			3290	34	11	418				5166
<b>Female</b>														
Sample Number	1		79	20			278	3	1	37				419
Percent	0.1		9.0	2.3			31.7	0.3	0.1	4.2				47.8
Std. Error			1.0	0.5			1.6	0.2		0.7				1.7
Number	11		893	226			3143	34	11	418				4736
<b>All Fish 1/</b>														
Sample Number	9		144	71			570	6	2	75				878
Percent	1.0		16.4	8.1			64.9	0.7	0.2	8.5				100.0
Std. Error	0.3		1.3	0.9			1.6	0.3	0.2	0.9				
Number	101		1628	803			6446	68	22	848				9927
31 (July 27 - August 2)														
<b>Male</b>														
Sample Number	5		64	47			260	5	1	45				427
Percent	0.6		8.1	5.9			32.8	0.6	0.1	5.7				53.9
Std. Error	0.3		1.0	0.8			1.7	0.3		0.8				1.8
Number	96		1232	905			5005	96	19	866				8219
<b>Female</b>														
Sample Number			71	30			227	3		32				365
Percent			9.0	3.8			28.7	0.4		4.0				46.1
Std. Error			1.0	0.7			1.6	0.2		0.7				1.8
Number	1367		577				4370	58		616				7026
<b>All Fish</b>														
Sample Number	5		135	77			487	8	1	77				792
Percent	0.6		17.0	9.7			61.5	1.0	0.1	9.7				100.0
Std. Error	0.3		1.3	1.1			1.7	0.4		1.1				
Number	96		2599	1482			9375	154	19	1482				15245
32 (August 3 - 9)														
<b>Male</b>														
Sample Number	6		66	64			306	12	3	77	1	1		536
Percent	0.5		5.9	5.7			27.2	1.1	0.3	6.8	0.1	0.1		47.6
Std. Error	0.2		0.7	0.7			1.3	0.3	0.2	0.8				1.5
Number	28		315	305			1459	57	14	367	5	5		2555
<b>Female</b>														
Sample Number	1		115	47			334	4		89				590
Percent	0.1		10.2	4.2			29.7	0.4		7.9				52.4
Std. Error			0.9	0.6			1.4	0.2		0.8				1.5
Number	5		540	224			1593	19		424				2813
<b>All Fish</b>														
Sample Number	7		181	111			640	16	3	166	1	1		1126
Percent	0.6		16.1	9.9			56.8	1.4	0.3	14.7	0.1	0.1		100.0
Std. Error	0.2		1.1	0.9			1.5	0.4	0.2	1.1				
Number	33		863	529			3052	76	14	791	5	5		5368

-Continued-

Appendix Table 11. Age composition of the District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

	Brood Year and Age Class													
	1983			1982			1981			1980			1979	
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	33	(August 10 - 16)												
<b>Male</b>														
Sample Number	2	1	45	16			110	4	3	32		1	214	
Percent	0.4	0.2	9.8	3.5			23.9	0.9	0.7	7.0		0.2	46.5	
Std. Error	0.3		1.4	0.9			2.0	0.4	0.4	1.2			2.3	
Number	21	11	474	168			1159	42	32	337		11	2255	
<b>Female</b>														
Sample Number	1		64	22			116	3	2	37		1	246	
Percent	0.2		13.9	4.8			25.2	0.7	0.4	8.0		0.2	53.5	
Std. Error	1.6		1.0				2.0	0.4	0.3	1.3			2.3	
Number	11		674	232			1222	32	21	390		11	2593	
<b>All Fish 1/</b>														
Sample Number	3	1	114	38			231	7	6	70		2	472	
Percent	0.6	0.2	24.2	8.1			48.9	1.5	1.3	14.8		0.4	100.0	
Std. Error	0.4		2.0	1.3			2.3	0.6	0.5	1.6		0.3		
Number	32	11	1200	400			2433	74	63	738		22	4973	
Statistical Weeks	34 - 38	(August 17 - Sept. 20)												
<b>Male</b>														
Sample Number	1		21	20			51	1	1	27		1	123	
Percent	0.5		9.5	9.1			23.2	0.5	0.5	12.3		0.5	55.9	
Std. Error	2.0		1.9				2.9			2.2			3.4	
Number	28		595	567			1445	28	28	765		28	3484	
<b>Female</b>														
Sample Number			23	7			43	3		20	1		97	
Percent			10.5	3.2			19.5	1.4		9.1	0.5		44.1	
Std. Error			2.1	1.2			2.7	0.8		1.9			3.4	
Number			652	198			1219	85		567	28		2749	
<b>All Fish 1/</b>														
Sample Number	1		44	27			97	10	1	52	1	1	234	
Percent	0.4		18.8	11.5			41.5	4.3	0.4	22.2	0.4	0.4	100.0	
Std. Error	2.6		2.1				3.2	1.3		2.7				
Number	28		1247	765			2750	283	28	1475	28	28	6632	
<b>Combined Periods (Percentages are weighted by period catches)</b>														
<b>Male</b>														
Sample Number	29	1	327	478	1	3	2091	51	15	377	1	3	2	3379
Percent	0.5	(0.1)	5.7	7.1	(0.1)	0.1	31.4	0.7	0.2	6.0	(0.1)	(0.1)	0.1	51.8
Std. Error	0.1		0.4	0.4		(0.1)	0.6	0.1	0.1	0.4		(0.1)	(0.1)	0.7
Number	314	11	3906	4797	7	41	21380	449	152	4077	5	23	39	35201
<b>Female</b>														
Sample Number	4		425	335		1	2053	27	8	389	1	2	1	3246
Percent	(0.1)		7.1	4.3		(0.1)	30.3	0.5	0.1	5.8	(0.1)	0.1	(0.1)	48.2
Std. Error	(0.1)		0.4	0.3			0.6	0.1	(0.1)	0.3		(0.1)	(0.1)	0.7
Number	34		4802	2956		7	20620	319	73	3911	28	38	11	32799
<b>All Fish 1/</b>														
Sample Number	33	1	760	819	1	4	4172	84	24	775	2	5	3	6683
Percent	0.5	(0.1)	12.8	11.3	(0.1)	0.1	61.5	1.4	0.3	11.9	(0.1)	0.1	0.1	100.0
Std. Error	0.1		0.5	0.4		(0.1)	0.7	0.2	0.1	0.5	(0.1)	(0.1)	(0.1)	
Number	348	11	8789	7799	7	48	42343	938	235	8174	33	61	50	68836

1/ Includes unsexed fish totals.

Appendix Table 12. Length composition of the District 111 gillnet catch of sockeye catch by sex, age class, and fishing period, 1986.

Statistical Week		Brood Year and Age Class											
		1983			1982			1981			1980		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	1979	2.4	
<b>Statistical Week 25 (June 15 - 21)</b>													
Male	Avg. Length				541.0			586.3			581.7		
	Std. Error				12.1			4.9			11.7		
	Sample Size				5			26			3		
Female	Avg. Length				560.0	528.2		566.6			560.0		
	Std. Error				10.0	4.4		4.4			1		
	Sample Size				2	11		19					
All Fish	Avg. Length				560.0	532.2		578.0			576.3		
	Std. Error				10.0	4.8		3.6			9.9		
	Sample Size				2	16		45			4		
<b>Statistical Week 26 (June 22 - 28)</b>													
Male	Avg. Length				607.5	527.6		588.2	515.0	625.0	588.8		
	Std. Error				22.5	4.0		3.1	6.5	15.0	15.2		
	Sample Size				2	27		70	5	2	4		
Female	Avg. Length				558.8	518.6		571.6			562.5		
	Std. Error				8.0	4.8		4.4			14.6		
	Sample Size				4	28		41			6		
All Fish	Avg. Length				575.0	523.0		582.1	515.0	625.0	573.0		
	Std. Error				12.8	3.1		2.6	6.5	15.0	11.0		
	Sample Size				6	55		111	5	2	10		
<b>Statistical Week 27 (June 29 - July 5)</b>													
Male	Avg. Length				581.7	517.4		597.8	580.0		587.9		
	Std. Error				10.4	6.0		2.4			8.2		
	Sample Size				6	25		99	1		14		
Female	Avg. Length				569.1	522.9		578.3		645.0	585.4		
	Std. Error				4.9	5.1		1.9			5.9		
	Sample Size				11	31		96	1		12		
All Fish	1/Avg. Length				573.3	521.0		588.2	580.0	645.0	586.7		
	Std. Error				4.6	3.8		1.7			5.1		
	Sample Size				18	57		197	1	1	26		
<b>Statistical Week 28 (July 6 - 12)</b>													
Male	Avg. Length				593.3	509.7		589.6	550.0	610.0	596.2		
	Std. Error				6.9	7.6		1.8	11.5		3.2		
	Sample Size				15	33		198	6	2	46		
Female	Avg. Length				578.5	526.7	600.0	572.4		600.0	569.7		
	Std. Error				9.0	13.7		1.9			3.3		
	Sample Size				10	9	1	214	1		35		
All Fish	Avg. Length				587.4	513.3	600.0	580.7	550.0	606.7	584.8		
	Std. Error				5.6	6.7		1.4	11.5	3.3	2.7		
	Sample Size				25	42	1	412	6	3	81		
<b>Statistical Week 29 (July 13 - 19)</b>													
Male	Avg. Length				450.0	596.7	491.3	610.0	588.9	520.0	582.1		
	Std. Error				4.6	13.3	15	1	2.5		5.9		
	Sample Size				1	6		80	1		12		
Female	Avg. Length				571.8	517.7		571.6		610.0	574.2		
	Std. Error				3.6	12.2		2.0			4.4		
	Sample Size				11	11	1	110	1		13		
All Fish	1/Avg. Length				450.0	581.4	502.5	610.0	578.6	520.0	610.0		
	Std. Error				3.9	9.4	26	1	1.6		3.5		
	Sample Size				1	18		198	1	1	26		
<b>Statistical Week 30 (July 20 - 26)</b>													
Male	Avg. Length				455.0	602.0	490.9		600.9	485.0	599.1		
	Std. Error				6.4	11.0	17		2.7		4.2		
	Sample Size				1	23		80	1		16		
Female	Avg. Length				578.3	509.4		578.0	530.0	615.0	554.5		
	Std. Error				3.5	12.3		2.0			11.2		
	Sample Size				32	8	8	91	1	1	10		
All Fish	1/Avg. Length				455.0	588.2	496.8		588.7	507.5	615.0		
	Std. Error				3.7	8.5	25		1.8	22.5	580.4		
	Sample Size				1	55		172	2	1	27		

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Appendix Table 12. Length composition of the District 111 gillnet catch of sockeye catch by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class											
		1983		1982		1981		1980		1979	
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4
<b>Statistical Week 31 (July 27 - August 2)</b>											
Male	Avg. Length	530.0	589.7	489.2		592.7	470.0	630.0	594.5		
	Std. Error	5.8	11.1			3.1			4.5		
	Sample Size	1	17	13		50	1	1	10		
Female	Avg. Length		572.7	511.7		575.8	520.0		582.5		
	Std. Error		2.2	10.9		3.0	15.0		6.6		
	Sample Size		13	3		44	2		6		
All Fish	Avg. Length	530.0	582.3	493.4		584.8	503.3	630.0	590.0		
	Std. Error	3.7	9.4			2.3	18.8		3.9		
	Sample Size	1	30	16		94	3	1	16		
<b>Statistical Week 32 (August 3 - 9)</b>											
Male	Avg. Length		595.5	483.6		601.2	560.0		590.5		
	Std. Error		5.5	9.3		3.4	6.1		7.5		
	Sample Size		11	7		54	4		10		
Female	Avg. Length		572.0	500.0		575.7			573.8		
	Std. Error		2.6	11.7		2.2			6.0		
	Sample Size		22	8		60			12		
All Fish	Avg. Length		579.8	492.3		587.8	560.0		581.4		
	Std. Error		3.2	7.7		2.3	6.1		5.0		
	Sample Size		33	15		114	4		22		
<b>Statistical Week 33 (August 10 - 16)</b>											
Male	Avg. Length	425.0	600.0	520.0		602.7			591.7		
	Std. Error		7.8	23.6		5.1			5.7		
	Sample Size		1	10		24			12		
Female	Avg. Length	455.0	583.0	503.6		575.4	560.0	565.0	591.9		
	Std. Error		5.1	10.8		3.9			2.8		
	Sample Size		1	15		38	1	1	8		
All Fish	Avg. Length	440.0	589.8	508.5		586.0	560.0	565.0	591.8		
	Std. Error	15.0	4.6	9.9		3.5			3.5		
	Sample Size	2	25	10		62	1	1	20		
<b>Statistical Weeks 34 - 38 (August 17 - Sept. 20)</b>											
Male	Avg. Length		625.0			606.7			615.0		
	Std. Error					5.1			11.4		
	Sample Size		1			6			4		
Female	Avg. Length		580.0			590.0			575.0		
	Std. Error		8.7			9.8			3.5		
	Sample Size		4			9			4		
All Fish	Avg. Length		589.0			596.7			595.0		
	Std. Error		11.2			6.4			9.4		
	Sample Size		5			15			8		
<b>Combined Periods (Unweighted)</b>											
Male	Avg. Length	465.0	595.9	508.4	610.0	593.5	535.3	620.0	593.4		590.0
	Std. Error	22.6	2.7	3.3		0.9	7.7	6.3	1.9		
	Sample Size	4	91	145	1	687	19	5	131		1
Female	Avg. Length	455.0	574.9	518.2	600.0	574.4	532.5	607.0	573.1		550.0
	Std. Error		1.6	2.8		0.9	11.3	12.9	2.2		
	Sample Size		1	124	116	1	722	4	5	107	1
All Fish 1/Avg. Length		463.0	583.8	512.9	605.0	583.7	534.8	613.5	584.1		550.0
	Std. Error	17.6	1.6	2.2	5.0	0.7	6.5	7.1	1.6		590.0
	Sample Size	5	217	262	2	1420	23	10	240	1	1

1/ Includes unsexed fish totals.

Appendix Table 13. Age composition of the supplemental southern District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class										
	1983		1982		1981			1980		1979
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week	27	(June 29 - July 5)								
Male										
Sample Number	3	11		8	1		1			24
Percent	5.2	19.0		13.8	1.7		1.7			41.4
Std. Error	2.9	5.2		4.6						6.5
Number	22	80		58	7		7			174
Female										
Sample Number	11	4		17	1		1			34
Percent	19.0	6.9		29.3	1.7		1.7			58.6
Std. Error	5.2	3.4		6.0						6.5
Number	80	29		123	7		7			246
All Fish										
Sample Number	14	15		25	2		2			58
Percent	24.1	25.9		43.1	3.4		3.4			100.0
Std. Error	5.7	5.8		6.6	2.4		2.4			3.9
Number	102	109		181	14		14			420
Statistical Week	28	(July 6 - 12)								
Male										
Sample Number	3	8	28		41	1	4			85
Percent	1.8	4.9	17.2		25.2	0.6	2.5			52.1
Std. Error	1.1	1.7	3.0		3.4		1.2			3.9
Number	13	35	120		176	4	17			365
Female										
Sample Number	4	10		55	3	1	5			78
Percent	2.5	6.1		33.7	1.8	0.6	3.1			47.9
Std. Error	1.2	1.9		3.7	1.1		1.4			3.9
Number	17	43		236	13	4	22			335
All Fish										
Sample Number	3	12	38		96	4	1	9		163
Percent	1.8	7.4	23.3		58.9	2.5	0.6	5.5		100.0
Std. Error	1.1	2.1	3.3		3.9	1.2		1.8		3.9
Number	13	52	163		412	17	4	39		700
Statistical Week	29	(July 13 - 19)								
Male										
Sample Number	1	5	41		43	3	14			107
Percent	0.6	2.9	23.7		24.9	1.7	8.1			61.8
Std. Error	1.3	3.2		3.3	1.0		2.1			3.7
Number	7	34	277		290	20	95			723
Female										
Sample Number	3	4		54	2		3			66
Percent	1.7	2.3		31.2	1.2		1.7			38.2
Std. Error	1.0	1.1		3.5	0.8		1.0			3.7
Number	20	27		365	14		20			446
All Fish										
Sample Number	1	8	45		97	5	17			173
Percent	0.6	4.6	26.0		56.1	2.9	9.8			100.0
Std. Error	1.6	3.3		3.8	1.3		2.3			3.7
Number	7	54	304		655	34	115			1169

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Appendix Table 13. Age composition of the supplemental southern District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class											
	1983			1982			1981			1980		1979
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4			Total
Statistical Week	30	(July 20 - 26)										
Male												
Sample Number	1	10	41		78	1		8	1		140	
Percent	0.5	4.7	19.3		36.8	0.5		3.8	0.5		66.0	
Std. Error		1.5	2.7		3.3			1.3			3.3	
Number	4	40	162		309	4		32	4		555	
Female												
Sample Number		8	7	1	49			7			72	
Percent		3.8	3.3	0.5	23.1			3.3			34.0	
Std. Error		1.3	1.2		2.9			1.2			3.3	
Number		31	28	4	195			28			286	
All Fish												
Sample Number	1	18	48	1	127	1		15	1		212	
Percent	0.5	8.5	22.6	0.5	59.8	0.5		7.1	0.5		100.0	
Std. Error		1.9	2.9		3.4			1.8				
Number	4	71	190	4	504	4		60	4		841	
Statistical Week	31	(July 27 - August 2)										
Male												
Sample Number		1	28		30	3	2	3			67	
Percent		0.8	22.4		24.0	2.4	1.6	2.4			53.6	
Std. Error			3.7		3.8	1.4	1.1	1.4			4.5	
Number		7	182		194	20	13	20			436	
Female												
Sample Number		5	11		33		1	8			58	
Percent		4.0	8.8		26.4		0.8	6.4			46.4	
Std. Error		1.8	2.5		4.0			2.2			4.5	
Number		32	72		215		7	52			378	
All Fish												
Sample Number	6	39		63	3	3	11				125	
Percent	4.8	31.2		50.4	2.4	2.4	8.8				100.0	
Std. Error	1.9	4.2		4.5	1.4	1.4	2.5					
Number	39	254		409	20	20	72				814	
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	5	27	149		200	9	2	30	1		423	
Percent	0.6	3.4	20.8		26.1	1.4	0.3	4.3	0.1		57.1	
Std. Error	0.3	0.7	1.6		1.6	0.5	0.2	0.8			1.9	
Number	24	138	821		1027	55	13	171	4		2253	
Female												
Sample Number		31	36	1	208	6	2	24			308	
Percent		4.6	5.0	0.1	28.7	0.9	0.3	3.3			42.9	
Std. Error		0.8	0.8		1.7	0.4	0.2	0.7			1.9	
Number		180	199	4	1134	34	11	129			1691	
All Fish												
Sample Number	5	58	185	1	408	15	4	54	1		731	
Percent	0.6	8.0	25.9	0.1	54.8	2.3	0.6	7.6	0.1		100.0	
Std. Error	0.3	1.0	1.7		1.9	0.6	0.3	1.0				
Number	24	318	1020	4	2161	89	24	300	4		3944	

Appendix Table 14. Length composition of the southern supplemental District 111 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class				
		1982		1981		1980
		0.3	1.2	1.3	2.2	2.3
<b>Statistical Week 28 (July 6 - 12)</b>						
Male	Avg. Length		490.0	591.0		595.0
	Std. Error		17.9	10.1		
	Sample Size		4	10		1
Female	Avg. Length	580.0	492.5	573.0		610.0
	Std. Error		27.5	4.1		
	Sample Size		1	2		1
All Fish	Avg. Length	580.0	490.8	585.0		602.5
	Std. Error		13.4	7.1		7.5
	Sample Size		1	6		2
<b>Statistical Week 29 (July 13 - 19)</b>						
Male	Avg. Length		466.7	588.8	440.0	525.0
	Std. Error		8.8	4.3		16.4
	Sample Size		3	4		5
Female	Avg. Length	560.0	550.0	561.7		560.0
	Std. Error			9.5		
	Sample Size		1	1		1
All Fish	Avg. Length	560.0	487.5	572.5	440.0	530.8
	Std. Error		21.7	7.2		14.6
	Sample Size		1	4		6
<b>Statistical Week 30 (July 20 - 26)</b>						
Male	Avg. Length	600.0	488.8	577.7		590.0
	Std. Error		5.2	7.5		
	Sample Size		1	4		1
Female	Avg. Length	575.0		568.6		
	Std. Error			8.8		
	Sample Size		1			7
All Fish	Avg. Length	587.5	488.8	574.2		590.0
	Std. Error	12.5	5.2	5.7		
	Sample Size	2	4	18		1
<b>Statistical Week 31 (July 27 - August 2)</b>						
Male	Avg. Length		480.0	623.3		
	Std. Error		5.0	20.5		
	Sample Size		2	3		
Female	Avg. Length	610.0	507.5	592.9		568.3
	Std. Error		2.5	4.6		4.4
	Sample Size		1	2		3
All Fish	Avg. Length	610.0	493.8	602.0		568.3
	Std. Error		8.3	7.7		4.4
	Sample Size		1	4		3
<b>Combined Periods (Unweighted)</b>						
Male	Avg. Length	600.0	482.7	588.9	440.0	544.3
	Std. Error		6.1	5.5		16.8
	Sample Size		1	13		7
Female	Avg. Length	581.3	510.0	574.6		575.0
	Std. Error	10.5	13.7	4.3		9.2
	Sample Size	4	5	25		5
All Fish	Avg. Length	585.0	490.3	582.2	440.0	557.1
	Std. Error	8.9	6.3	3.6		11.1
	Sample Size	5	18	53		12

Appendix Table 15. Age composition of the Canadian Taku River commercial gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	Brood Year and Age Class									
	1983		1982		1981		1980		Total	
	0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	
Statistical Week 27 (June 29 - July 5)										
Male										
Sample Number		1	22		45	1		3	72	
Percent		0.8	18.5		37.8	0.8		2.5	60.5	
Std. Error			3.6		4.5			1.4	4.5	
Number		6	129		264	6		17	422	
Female										
Sample Number			18		25	1		3	47	
Percent			15.1		21.0	0.8		2.5	39.5	
Std. Error			3.3		3.8			1.4	4.5	
Number		105			146	6		18	275	
All Fish										
Sample Number		1	40		70	2		6	119	
Percent		0.8	33.6		58.8	1.7		5.0	100.0	
Std. Error			4.3		4.5	1.2		2.0		
Number		6	234		410	12		35	697	
Statistical Week 28 (July 6 - 12)										
Male										
Sample Number	1		2	20		65		9	97	
Percent	0.5		1.0	9.7		31.6		4.4	47.1	
Std. Error			0.7	2.1		3.2		1.4	3.5	
Number	10		20	203		661		91	986	
Female										
Sample Number		1	21		78			9	109	
Percent		0.5	10.2		37.9			4.4	52.9	
Std. Error			2.1		3.4			1.4	3.5	
Number		11	214		794			92	1110	
All Fish										
Sample Number	1		3	41		143		18	206	
Percent	0.5		1.5	19.9		69.4		8.7	100.0	
Std. Error			0.8	2.8		3.2		2.0		
Number	10		31	417		1455		183	2096	
Statistical Week 29 (July 13 - 19)										
Male										
Sample Number	5			12		54	3	1	11	86
Percent	2.6			6.1		27.6	1.5	0.5	5.6	43.9
Std. Error	1.1			1.7		3.2	0.9		1.6	3.6
Number	49			118		530	30	10	108	845
Female										
Sample Number		4	11		74	4		17	110	
Percent		2.0	5.6		37.8	2.0		8.7	56.1	
Std. Error		1.0	1.6		3.5	1.0		2.0	3.6	
Number		39	108		726	39		167	1079	
All Fish										
Sample Number	5		4	23		128	7	1	28	196
Percent	2.6		2.0	11.7		65.3	3.6	0.5	14.3	100.0
Std. Error	1.1		1.0	2.3		3.4	1.3		2.5	
Number	49		39	226		1256	69	10	275	1924
Statistical Week 30 (July 20 - 26)										
Male										
Sample Number	4		10	9		70		7	100	
Percent	2.1		5.2	4.6		36.1			3.6	51.5
Std. Error	1.0		1.6	1.5		3.5			1.3	3.6
Number	82		206	185		1445			145	2063
Female										
Sample Number	1		17	1		67	1		7	94
Percent	0.5		8.8	0.5		34.5	0.5		3.6	48.5
Std. Error			2.0			3.4			1.3	3.6
Number	21		351	21		1382	21		144	1940
All Fish										
Sample Number	5		27	10		137	1		14	194
Percent	2.6		13.9	5.2		70.6	0.5		7.2	100.0
Std. Error	1.1		2.5	1.6		3.3			1.9	
Number	103		557	206		2827	21		289	4003
Statistical Week 31 (July 27 - August 2)										
Male										
Sample Number	6		21	9		35	1		13	86
Percent	3.2		11.1	4.8		18.5	0.5		6.9	45.5
Std. Error	1.3		2.3	1.6		2.8			1.8	3.6
Number	93		323	138		538	16		200	1323
Female										
Sample Number	1		13	8		66	1		14	103
Percent	0.5		6.9	4.2		34.9	0.5		7.4	54.5
Std. Error			1.8	1.5		3.5			1.9	3.6
Number	15		200	123		1016	15		215	1584
All Fish										
Sample Number	7		34	17		101	2		27	189
Percent	3.7		18.0	9.0		53.4	1.1		14.3	100.0
Std. Error	1.4		2.8	2.1		3.6	0.7		2.6	
Number	108		523	261		1554	31		415	2907

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Appendix Table 15. Age composition of the Canadian Taku River commercial gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week	Brood Year and Age Class									
	1983		1982		1981		1980		Total	
	0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	
Statistical Week 32 (August 3 - 9)										
Male										
Sample Number	1		15	9		32		9		66
Percent	0.8		12.0	7.2		25.6		7.2		52.8
Std. Error			2.9	2.3		3.9		2.3		4.5
Number	10		143	86		306		86		631
Female										
Sample Number			21			33		5		59
Percent			16.8			26.4		4.0		47.2
Std. Error			3.4			4.0		1.8		4.5
Number			201			315		48		564
All Fish										
Sample Number	1		36	9		65		14		125
Percent	0.8		28.8	7.2		52.0		11.2		100.0
Std. Error			4.1	2.3		4.5		2.8		
Number	10		344	86		621		134		1195
Statistical Week 33 (August 10 - 16)										
Male										
Sample Number			15	4		20		10		49
Percent			14.7	3.9		19.6		9.8		48.0
Std. Error			3.5	1.9		4.0		3.0		5.0
Number			119	32		158		79		388
Female										
Sample Number			11	1		36	1	4		53
Percent			10.8	1.0		35.3	1.0	3.9		52.0
Std. Error			3.1			4.8		1.9		5.0
Number			87	8		285	8	32		420
All Fish										
Sample Number			26	5		56	1	14		102
Percent			25.5	4.9		54.9	1.0	13.7		100.0
Std. Error			4.3	2.1		5.0		3.4		
Number			206	40		443	8	111		808
Statistical Weeks 34 - 35 (August 17 - 30)										
Male										
Sample Number	4	1	12	5	1	15		6		44
Percent	4.3	1.1	12.8	5.3	1.1	16.0		6.4		46.8
Std. Error	2.1		3.5	2.3		3.8		2.5		5.2
Number	47	12	142	59	12	177		70		519
Female										
Sample Number			22	5		21		2		50
Percent			23.4	5.3		22.3		2.1		53.2
Std. Error			4.4	2.3		4.3		1.5		5.2
Number			259	59		248		24		590
All Fish										
Sample Number	4	1	34	10	1	36		8		94
Percent	4.3	1.1	36.2	10.6	1.1	38.3		8.5		100.0
Std. Error	2.1		5.0	3.2		5.0		2.9		
Number	47	12	401	118	12	425		94		1109
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	21	1	76	90	2	336	5	1	68	600
Percent	2.0	0.1	6.5	6.5	0.2	27.7	0.3	0.1	5.4	48.7
Std. Error	0.4		0.8	0.7	0.1	1.4	0.2		0.7	1.5
Number	291	12	959	950	27	4079	52	10	797	7177
Female										
Sample Number	2		89	65		400	8		61	625
Percent	0.2		7.8	4.3		33.3	0.6		5.0	51.3
Std. Error	0.2		0.8	0.5		1.4	0.2		0.7	1.5
Number	36		1148	638		4912	89		739	7562
All Fish										
Sample Number	23	1	165	155	2	736	13	1	129	1225
Percent	2.2	0.1	14.3	10.8	0.2	61.0	0.9	0.1	10.4	100.0
Std. Error	0.5		1.0	0.9	0.1	1.5	0.3		0.9	
Number	327	12	2107	1588	27	8991	141	10	1536	14739

Appendix Table 16. Length composition of the Canadian Taku River commercial gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class								
		1983		1982		1981		1980		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3
<b>Statistical Week 27 (June 29 - July 5)</b>										
Male	Avg. Length			575.0	533.4		592.2	480.0	568.3	
	Std. Error				3.7		3.1		21.7	
	Sample Size			1	22		45	1	3	
Female	Avg. Length				508.6		571.2	485.0	573.3	
	Std. Error				7.3		5.4		3.3	
	Sample Size				18		25	1	3	
All Fish	Avg. Length			575.0	522.3		584.7	482.5	570.8	
	Std. Error				4.3		3.0	2.5	9.9	
	Sample Size			1	40		70	2	6	
<b>Statistical Week 28 (July 6 - 12)</b>										
Male	Avg. Length	465.0		595.0	518.8		591.3		582.2	
	Std. Error				5.0	10.1	2.9		12.8	
	Sample Size	1		2	20		65		9	
Female	Avg. Length			585.0	519.3		579.1		586.1	
	Std. Error				4.7		2.2		4.5	
	Sample Size			1	21		77		9	
All Fish	Avg. Length	465.0		591.7	519.0		584.7		584.2	
	Std. Error				4.4	5.4	1.8		6.6	
	Sample Size	1		3	41		142		18	
<b>Statistical Week 29 (July 13 - 19)</b>										
Male	Avg. Length	453.6			491.2		589.3	495.3	637.0	
	Std. Error	4.9			13.6		3.9	19.1	7.5	
	Sample Size	5			12		54	3	1	
Female	Avg. Length			578.8	519.4		576.3	523.0	574.9	
	Std. Error			17.8	14.0		2.3	8.8	4.3	
	Sample Size			4	11		74	4	17	
All Fish	Avg. Length	453.6		578.8	504.7		581.8	511.1	637.0	
	Std. Error	4.9		17.8	10.0		2.2	10.3	4.4	
	Sample Size	5		4	23		128	7	1	
<b>Statistical Week 30 (July 20 - 26)</b>										
Male	Avg. Length	453.0		602.4	495.9		600.3		612.9	
	Std. Error	8.8		8.3	15.2		2.9		6.2	
	Sample Size	4		10	9		70		7	
Female	Avg. Length	482.0		580.9	533.0		582.7	533.0	585.3	
	Std. Error			4.8			2.0		8.4	
	Sample Size	1		17	1		67	1	7	
All Fish	Avg. Length	458.8		588.9	499.6		591.7	533.0	599.1	
	Std. Error	8.9		4.7	14.1		1.9		6.3	
	Sample Size	5		27	10		137	1	14	
<b>Statistical Week 31 (July 27 - August 2)</b>										
Male	Avg. Length	477.2		597.3	490.8	658.0	591.2	466.0	601.7	
	Std. Error	11.4		5.0	9.8		5.9		12.4	
	Sample Size	6		21	9	1	35	1	13	
Female	Avg. Length	466.0		585.8	491.9		580.4	507.0	567.9	
	Std. Error			5.0	17.4		2.0		8.7	
	Sample Size	1		13	8		66	1	14	
All Fish	Avg. Length	475.6		592.9	491.3	658.0	584.1	486.5	584.2	
	Std. Error	9.8		3.7	9.4		2.5	20.5	8.1	
	Sample Size	7		34	17	1	101	2	27	

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Appendix Table 16. Length composition of the Canadian Taku River commercial gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class										
		1983		1982		1981			1980	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3
<b>Statistical Week 32 (August 3 - 9)</b>										
Male	Avg. Length	430.0		577.7	498.3		595.2		596.6	
	Std. Error			4.2	17.0		4.3		9.6	
	Sample Size		1		15	9		32		9
Female	Avg. Length			562.4			566.0		576.0	
	Std. Error			5.6			2.8		7.1	
	Sample Size			21			33			5
All Fish	Avg. Length	430.0		568.8	498.3		580.4		589.2	
	Std. Error			3.9	17.0		3.1		7.0	
	Sample Size		1		36	9		65		14
<b>Statistical Week 33 (August 10 - 16)</b>										
Male	Avg. Length			606.0	546.3		612.1		627.0	
	Std. Error			5.6	6.1		3.9		6.4	
	Sample Size			15	4		20			10
Female	Avg. Length			584.9	533.0		583.8	492.0	568.8	
	Std. Error			4.9			4.6		18.8	
	Sample Size			11	1		36	1		4
All Fish	Avg. Length			597.1	543.6		593.9	492.0	610.4	
	Std. Error			4.3	5.4		3.7		9.8	
	Sample Size			26	5		56	1		14
<b>Statistical Weeks 34 - 35 (August 17 - 30)</b>										
Male	Avg. Length	501.3	357.0	595.8	508.6	637.0	602.6		588.0	
	Std. Error	19.8		6.4	24.5		3.3		13.4	
	Sample Size	4	1	12	5	1	15			6
Female	Avg. Length			578.9	545.8		592.0		557.0	
	Std. Error			5.1	7.7		6.1		13.0	
	Sample Size			22	5		21			2
All Fish	Avg. Length	501.3	357.0	584.9	527.2	637.0	596.4		580.3	
	Std. Error	19.8		4.2	13.6		3.9		11.3	
	Sample Size	4	1	34	10	1	36			8
<b>Combined Periods (Unweighted)</b>										
Male	Avg. Length	468.7	357.0	595.2	512.2	647.5	595.1	486.4	637.0	600.0
	Std. Error	6.6		2.6	4.4	10.5	1.4	12.0		4.1
	Sample Size	21	1	76	90	2	336	5	1	68
Female	Avg. Length	474.0		577.2	515.4		578.9	513.6		575.2
	Std. Error	8.0		2.5	4.3		1.0	7.3		3.0
	Sample Size	2		89	65		399	8		61
All Fish	Avg. Length	469.2	357.0	585.5	513.5	647.5	586.3	503.2	637.0	588.2
	Std. Error	6.0		1.9	3.1	10.5	0.9	7.2		2.8
	Sample Size	23	1	165	155	2	735	13	1	129

Appendix Table 17. Age composition of the District 115 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class											
	1983			1982			1981			1980		1979
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Statistical Week	25	(June 15 - 21)										
<b>Male</b>												
Sample Number		1	7		47			10		1		66
Percent	0.7	5.1		34.3			7.3		0.7		48.2	
Std. Error	0.7	1.9		4.1			2.2		0.7		4.3	
Number	3	18		122			26		2		171	
<b>Female</b>												
Sample Number		5	3		60			3			71	
Percent	3.6	2.2		43.8			2.2				51.8	
Std. Error	1.6	1.3		4.3			1.3				4.3	
Number	13	8		155			8				184	
<b>All Fish</b>												
Sample Number		6	10		107			13		1		137
Percent	4.4	7.3		78.1			9.5		0.7		100.0	
Std. Error	1.8	2.2		3.5			2.5		0.7			
Number	16	26		277			34		2		355	
Statistical Week	26	(June 22 - 28)										
<b>Male</b>												
Sample Number		1	66	46		103	5	9		1		231
Percent	0.2	14.4	10.1	1.4	22.5	1.1	2.0		0.2	0.2		50.5
Std. Error	0.2	1.6	1.4		2.0	0.5	0.7			0.2		2.3
Number	3	199	139		311	15	27			3		697
<b>Female</b>												
Sample Number		54	12		142	3	2	12		1		226
Percent	11.8	2.6		31.1	0.7	0.4	2.6		0.2	0.2		49.5
Std. Error	1.5	0.7		2.2	0.4	0.3	0.7		0.2	0.2		2.3
Number	163	36		428	9	6	36			4		682
<b>All Fish</b>												
Sample Number		1	120	58	245	8	2	21		1	1	457
Percent	0.2	26.3	12.7	53.6	1.8	0.4	4.6		0.2	0.2		100.0
Std. Error	0.2	2.1	1.6	2.3	0.6	0.3	1.0		0.2	0.2		
Number	3	362	175	739	24	6	63		4	3		1379
Statistical Week	27	(June 29 - July 5)										
<b>Male</b>												
Sample Number		3	36	55	136	2	1	28		2		263
Percent	0.7	8.9	13.5	33.5	0.5	0.2	6.9		0.5			64.8
Std. Error	0.4	1.4	1.7	2.3	0.3	0.2	1.3		0.3			2.4
Number	35	414	633	1564	23	11	322			23		3025
<b>Female</b>												
Sample Number		11	4	106	4	1	17					143
Percent	2.7	1.0		26.1	1.0	0.2	4.2					35.2
Std. Error	0.8	0.5		2.2	0.5	0.2	1.0					2.4
Number	127	46		1219	46	11	196					1645
<b>All Fish</b>												
Sample Number		3	47	59	242	6	2	45		2		406
Percent	0.7	11.6	14.5	59.6	1.5	0.5	11.1		0.5			100.0
Std. Error	0.4	1.6	1.8	2.4	0.6	0.3	1.6		0.3			
Number	35	541	679	2783	69	22	518			23		4670
Statistical Week	28	(July 6 - 12)										
<b>Male</b>												
Sample Number		24	122	46	125	1		16				334
Percent	3.6	18.3	6.9	18.8	0.2		2.4					50.2
Std. Error	0.7	1.5	1.0	1.5	0.2		0.6					1.9
Number	217	1105	417	1133	9		145					3026
<b>Female</b>												
Sample Number		2	106	28	151	7	1	36				331
Percent	0.3	15.9	4.2	22.7	1.1	0.2	5.4					49.8
Std. Error	0.2	1.4	0.8	1.6	0.4	0.2	0.9					1.9
Number	19	960	254	1368	63	9	326					2999
<b>All Fish</b>												
Sample Number		26	228	74	276	8	1	52				665
Percent	3.9	34.3	11.1	41.5	1.2	0.2	7.8					100.0
Std. Error	0.8	1.8	1.2	1.9	0.4	0.2	1.0					
Number	236	2066	670	2501	72	9	471					6025
Statistical Week	29	(July 13 - 19)										
<b>Male</b>												
Sample Number		13	41		91	9	1	21		1		177
Percent	3.7	11.8		26.2	2.6	0.3	6.1		0.3			51.0
Std. Error	1.0	1.7		2.4	0.9	0.3	1.3		0.3			2.7
Number	160	506		1123	111	12	259			13		2184
<b>Female</b>												
Sample Number		15	14		103	3	1	34				170
Percent	4.3	4.0		29.7	0.9	0.3	9.8					49.0
Std. Error	1.1	1.1		2.5	0.5	0.3	1.6					2.7
Number	185	173		1271	37	12	419					2097
<b>All Fish 1/</b>												
Sample Number		28	55		194	12	2	56		1		348
Percent	8.0	15.8		55.7	3.4	0.6	16.1		0.3			100.0
Std. Error	1.5	2.0		2.7	1.0	0.4	2.0		0.3			
Number	345	679		2394	148	24	690		13			4293

-Continued-

Appendix Table 17. Age composition of the District 115 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class													
	1983		1982		1981			1980			1979		Total
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
Statistical Week	30	(July 20 - 26)											
Male													
Sample Number	2	10	11		67	3		22					115
Percent	0.9	4.6	5.1		31.0	1.4		10.2					53.2
Std. Error	0.7	1.4	1.5		3.2	0.8		2.1					3.4
Number	28	142	156		953	44		313					1636
Female													
Sample Number		4	4		67	5		21					101
Percent		1.9	1.9		31.0	2.3		9.7					46.8
Std. Error		0.9	0.9		3.2	1.0		2.0					3.4
Number		57	57		953	71		299					1437
All Fish													
Sample Number	2	30	34		223	14		79			1		383
Percent	0.5	7.8	8.9		58.2	3.7		20.6			0.3		100.0
Std. Error	0.4	1.4	1.5		2.5	1.0		2.1			0.3		3.4
Number	28	427	484		3172	199		1124			14		5448
Statistical Week	31	(July 27 - August 2)											
Male													
Sample Number		13	55		188	26	3	100					385
Percent		2.0	8.3		28.3	3.9	0.5	15.1					58.0
Std. Error		0.5	1.1		1.7	0.8	0.3	1.4					1.9
Number		96	406		1390	192	22	739					2845
Female													
Sample Number		11	11		157	25	3	72					279
Percent		1.7	1.7		23.6	3.8	0.5	10.8					42.0
Std. Error		0.5	0.5		1.7	0.7	0.3	1.2					1.9
Number		81	82		1160	185	22	532					2062
All Fish													
Sample Number	24	66			345	51	6	172					664
Percent	3.6	9.9			52.0	7.7	0.9	25.9					100.0
Std. Error	0.7	1.2			1.9	1.0	0.4	1.7					3.4
Number	177	468			2560	377	44	1271					4907
Statistical Week	32	(August 3 - 9)											
Male													
Sample Number		7	25		226	46	3	151			1		459
Percent		0.7	2.6		23.8	4.8	0.3	15.9			0.1		48.3
Std. Error		0.3	0.5		1.4	0.7	0.2	1.2			0.1		1.6
Number		144	515		4658	948	61	3112			21		9459
Female													
Sample Number		9	8	1	208	40		225					491
Percent		0.9	0.8	0.1	21.9	4.2		23.7					51.7
Std. Error		0.3	0.3	0.1	1.3	0.7		1.4					1.6
Number		185	165	21	4287	824		4637					10119
All Fish													
Sample Number	16	33	1		434	86	3	376			1		950
Percent	1.7	3.5	0.1		45.7	9.1	0.3	39.6			0.1		100.0
Std. Error	0.4	0.6	0.1		1.6	0.9	0.2	1.6			0.1		3.4
Number	330	680	21		8944	1772	61	7749			21		19578
Statistical Week	33	(August 10 - 16)											
Male													
Sample Number		3	31		229	76		220	1	1			561
Percent		0.3	2.7		20.3	6.7		19.5	0.1	0.1			49.7
Std. Error		0.2	0.5		1.2	0.7		1.2	0.1	0.1			1.5
Number		141	1458		10773	3575		10349	47	48			26391
Female													
Sample Number		6	17		207	74		261	1		1		567
Percent		0.5	1.5		18.4	6.6		23.1	0.1		0.1		50.3
Std. Error		0.2	0.4		1.2	0.7		1.3	0.1		0.1		1.5
Number		282	800		9737	3481		12278	47		48		26673
All Fish 1/													
Sample Number	9	48			437	150		481	2	1	1		1129
Percent	0.8	4.3			36.7	13.3		42.6	0.2	0.1	0.1		100.0
Std. Error	0.3	0.6			1.5	1.0		1.5	0.1	0.1	0.1		3.4
Number	423	2258			20558	7056		22627	94	48	48		53112
Statistical Week	34	(August 17 - 23)											
Male													
Sample Number		24			254	86	3	220	2	2	2		593
Percent		1.9			20.4	6.9	0.2	17.7	0.2	0.2	0.2		47.7
Std. Error		0.4			1.1	0.7	0.1	1.1	0.1	0.1	0.1		1.4
Number		1626			17204	5825	203	14901	135	135	136		40166
Female													
Sample Number		2	4	15		220	126		280	3			650
Percent		0.2	0.3	1.2		17.7	10.1		22.5	0.2			52.3
Std. Error		0.1	0.2	0.3		1.1	0.9		1.2	0.1			1.4
Number		135	271	1016		14901	8534		18965	204			44026
All Fish													
Sample Number	2	4	39		474	212	3	500	5	2	2		1243
Percent	0.2	0.3	3.1		38.1	17.1	0.2	40.2	0.4	0.2	0.2		100.0
Std. Error	0.1	0.2	0.5		1.4	1.1	0.1	1.4	0.2	0.1	0.1		3.4
Number	135	271	2642		32105	14359	203	33866	339	135	136		84191

-Continued-

Appendix Table 17. Age composition of the District 115 gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class													
	1983		1982		1981		1980		1979				
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total	
Statistical Week	35	(August 24 - 30)											
Male													
Sample Number	2	27		309	79		175	2		3	597		
Percent	0.2	2.2		25.3	6.5		14.4	0.2		0.2	49.0		
Std. Error	0.1	0.4		1.2	0.7		1.0	0.1		0.1	1.4		
Number	57	764		8741	2234		4950	57		85	16888		
Female													
Sample Number	1	10		300	93	3	211	4			622		
Percent	0.1	0.8		24.6	7.6	0.2	17.3	0.3			51.0		
Std. Error	0.1	0.3		1.2	0.8	0.1	1.1	0.2			1.4		
Number	28	283		8486	2631	85	5969	113			17595		
All Fish 1/													
Sample Number	4	37		616	178	3	418	6		3	1265		
Percent	0.3	2.9		48.7	14.1	0.2	33.0	0.5		0.2	100.0		
Std. Error	0.2	0.5		1.4	1.0	0.1	1.3	0.2		0.1			
Number	113	1047		17425	5035	85	11824	170		85	35784		
Statistical Week	36	(August 31 - Sept. 6)											
Male													
Sample Number	9		126	214		321	13	1			684		
Percent	0.7		9.9	16.9		25.3	1.0	0.1			53.9		
Std. Error	0.2		0.8	1.1		1.2	0.3	0.1			1.4		
Number	384		5378	9135		13702	555	43			29197		
Female													
Sample Number	1	5		66	201	1	301	10		1	586		
Percent	0.1	0.4		5.2	15.8	0.1	23.7	0.8		0.1	46.1		
Std. Error	0.1	0.2		0.6	1.0	0.1	1.2	0.2		0.1	1.4		
Number	43	213		2816	8580	43	12848	427		43	25013		
All Fish													
Sample Number	1	14		192	415	1	622	23		1	1270		
Percent	0.1	1.1		15.1	32.7	0.1	49.0	1.8		0.1	100.0		
Std. Error	0.1	0.3		1.0	1.3	0.1	1.4	0.4		0.1			
Number	43	598		8194	17715	43	26550	982		43	54211		
Statistical Week	37	(Sept. 7 - 13)											
Male													
Sample Number	7		66	104	2	194	12			1	386		
Percent	1.0		9.5	15.0	0.3	28.0	1.7			0.1	55.6		
Std. Error	0.4		1.1	1.4	0.2	1.7	0.5			0.1	1.9		
Number	100		944	1487	29	2774	172			14	5520		
Female													
Sample Number		48	111	1	138	10					308		
Percent		6.9	16.0	0.1	19.9	1.4					44.4		
Std. Error		1.0	1.4	0.1	1.5	0.5					1.9		
Number		686	1588	14	1974	143					4405		
All Fish													
Sample Number	7		114	215	3	332	22			1	694		
Percent	1.0		16.4	31.0	0.4	47.8	3.2			0.1	100.0		
Std. Error	0.4		1.4	1.8	0.2	1.9	0.7			0.1			
Number	100		1630	3075	43	4748	315			14	9925		
Statistical Weeks	38 - 41	(Sept. 14 - October 11)											
Male													
Sample Number	2		28	175	1	291	12	1		3	513		
Percent	0.2		2.8	17.8	0.1	29.5	1.2	0.1		0.3	52.1		
Std. Error	0.1		0.5	1.2	0.1	1.5	0.3	0.1		0.2	1.6		
Number	13		178	1113	6	1851	76	6		19	3262		
Female													
Sample Number	2		25	145		276	20	1		3	472		
Percent	0.2		2.5	14.7		28.0	2.0	0.1		0.3	47.9		
Std. Error	0.1		0.5	1.1		1.4	0.4	0.1		0.2	1.6		
Number	13		159	922		1755	127	6		19	3001		
All Fish													
Sample Number	4		53	324	1	573	32	2		6	995		
Percent	0.4		5.3	32.6	0.1	57.6	3.2	0.2		0.6	100.0		
Std. Error	0.2		0.7	1.5	0.1	1.6	0.6	0.1		0.2			
Number	26		337	2060	6	3645	203	12		38	6327		
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	30	273	386		1995	826	14	1778	42	10	10	5364	
Percent	0.1	0.9	2.5		19.0	8.6	0.1	18.7	0.4	0.1	0.1	50.4	
Std. Error	<0.1	0.1	0.2		0.5	0.3	<0.1	0.5	0.1	<0.1	<0.1	0.6	
Number	283	2461	7135		54472	24711	344	53470	1042	290	256	144466	
Female													
Sample Number	4	227	133	1	1860	837	13	1887	48	2	5	5017	
Percent	0.1	0.8	1.1	<0.1	16.6	9.4	0.1	21.0	0.4	<0.1	<0.1	49.6	
Std. Error	<0.1	0.1	0.1	<0.1	0.4	0.4	<0.1	0.5	0.1	<0.1	<0.1	0.6	
Number	154	2395	3146	21	47627	26971	202	60242	1061	10	109	141938	
All Fish 1/													
Sample Number	34	517	538	1	3952	1679	27	3740	90	12	16	10606	
Percent	0.2	1.8	3.6	<0.1	35.7	17.9	0.2	39.7	0.7	0.1	0.1	100.0	
Std. Error	<0.1	0.1	0.2	<0.1	0.6	0.5	<0.1	0.6	0.1	<0.1	<0.1		
Number	437	5114	10552	21	103609	51961	546	115180	2103	301	381	290205	

1/ Includes unsexed fish totals.

Appendix Table 18. Length composition of the District 115 gillnet catch of sockeye salmon by sex, age and fishing period, 1986.

	Statistical Week	Brood Year and Age Class										
		1983			1982			1981			1980	
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
<b>Statistical Week 25 (June 15 - 21)</b>												
Male	Avg. Length				545.0		565.9			570.0		610.0
	Std. Error						8.8			5.0		
	Sample Size				1		16			2		1
Female	Avg. Length				555.0		566.3					
	Std. Error						5.1					
	Sample Size				1		16					
All Fish	Avg. Length				555.0	545.0	566.1			570.0		610.0
	Std. Error						5.0			5.0		
	Sample Size				1	1	32			2		1
<b>Statistical Week 26 (June 22 - 28)</b>												
Male	Avg. Length				584.4	527.5	566.4	486.7		596.7		
	Std. Error				4.2	9.3	17.1	25.2		7.5		
	Sample Size				26	20	49	3		6		
Female	Avg. Length				568.6	525.5	572.6	497.5		553.3		
	Std. Error				3.6	14.2	2.2	22.5		3.8		
	Sample Size				32	11	75	2		6		
All Fish	Avg. Length				575.7	526.8	570.1	491.0		575.0		
	Std. Error				2.9	7.7	6.8	15.8		7.7		
	Sample Size				58	31	124	5		12		
<b>Statistical Week 27 (June 29 - July 5)</b>												
Male	Avg. Length	520.0	581.9	505.7		579.8	555.0	635.0	579.1		582.5	
	Std. Error	5.0	3.3	5.0		2.6	10.0	6.9	6.9		17.5	
	Sample Size	2	32	44		115	2	1	22		2	
Female	Avg. Length				568.9	515.0	573.8	530.0	575.0	584.4		
	Std. Error				4.1	2	2.3	1	1	8.2		
	Sample Size				9	2	76			9		
All Fish	Avg. Length	520.0	579.0	506.1		577.4	546.7	605.0	580.6		582.5	
	Std. Error	5.0	2.9	4.8		1.8	10.1	5.4	5.4		17.5	
	Sample Size	2	41	46		191	3	2	31		2	
<b>Statistical Week 28 (July 6 - 12)</b>												
Male	Avg. Length	491.7	578.1	502.1		585.5				578.3		
	Std. Error	14.5	3.0	10.6		3.1				9.3		
	Sample Size	6	39	17		49				3		
Female	Avg. Length				568.8	509.5	567.9	510.0		578.8		
	Std. Error				2.6	7.5	2.7	1		7.9		
	Sample Size				30	10	50			13		
All Fish	Avg. Length	491.7	574.1	504.8		576.6	510.0			578.8		
	Std. Error	14.5	2.1	7.2		2.2				6.5		
	Sample Size	6	69	27		99	1			16		
<b>Statistical Week 29 (July 13 - 19)</b>												
Male	Avg. Length				596.0	528.2	590.3	550.0	575.0	585.5		620.0
	Std. Error				8.0	4.8	5.0	15.0	9.7	9.7		1
	Sample Size				5	17	30	2	1	10		
Female	Avg. Length				581.3	505.6	572.8		610.0	570.8		
	Std. Error				8.3	13.1	3.3			6.1		
	Sample Size				4	9	44			12		
All Fish	Avg. Length				589.4	520.4	579.9	550.0	592.5	577.5		620.0
	Std. Error				6.0	5.8	3.0	15.0	17.5	5.6		1
	Sample Size				9	26	74	2	2	22		
<b>Statistical Week 30 (July 20 - 26)</b>												
Male	Avg. Length	512.5	582.5	508.6		574.1	566.7			586.1		
	Std. Error	62.5	5.2	12.5		3.5	12.0			7.4		
	Sample Size	2	10	11		67	3			22		
Female	Avg. Length				573.8	541.3	570.7	563.0		574.8		
	Std. Error				5.2	18.1	2.5	16.3		5.2		
	Sample Size				4	4	67	5		21		
All Fish	Avg. Length	512.5	577.8	520.5		572.8	564.0			580.7		
	Std. Error	62.5	4.4	8.7		2.1	8.5			4.1		
	Sample Size	2	20	19		159	10			50		
<b>Statistical Week 31 (July 27 - August 2)</b>												
Male	Avg. Length				585.0	508.8	583.8	543.1	600.0	584.8		
	Std. Error				8.5	6.0	2.5	11.9	8	4.3		
	Sample Size				8	32	112	8	1	44		
Female	Avg. Length				570.0	508.6	572.9	533.8	613.3	590.8		
	Std. Error				11.5	10.0	3.1	6.9	8.8	4.2		
	Sample Size				3	7	88	17	3	37		
All Fish	Avg. Length				580.9	508.7	579.0	536.8	610.0	587.5		
	Std. Error				6.9	5.2	2.0	5.9	7.1	3.0		
	Sample Size				11	39	200	25	4	81		
<b>Statistical Week 32 (August 3 - 9)</b>												
Male	Avg. Length				596.7	535.0	600.0	564.4		602.8		
	Std. Error				7.3	16.0	3.0	8.2		4.5		
	Sample Size				3	9	67	17		53		
Female	Avg. Length				597.5	531.3	635.0	580.2	554.4	591.6		
	Std. Error				7.5	15.5	2.7	8.3		3.3		
	Sample Size				2	4	66	18		61		
All Fish	Avg. Length				597.0	533.8	635.0	590.2	559.3	596.8		
	Std. Error				4.6	11.7	2.2	5.3	2.8	2.8		
	Sample Size				5	13	133	35		114		

-Continued-

Appendix Table 18. Length composition of the District 115 gillnet catch of sockeye salmon by sex, age and fishing period, 1986 (continued).

Brood Year and Age Class												
	1983			1982			1981			1980		1979
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	
<b>Statistical Week 33 (August 10 - 16)</b>												
Male	Avg. Length		515.5		596.8	566.2		605.4	495.0			
	Std. Error		14.5		2.6	4.8		3.6				
	Sample Size		11		58	21		68	1			
Female	Avg. Length	610.0	530.0		590.3	551.6		594.7				
	Std. Error	10.0	25.0		4.1	5.3		2.7				
	Sample Size	2	2		46	29		69				
All Fish	Avg. Length	610.0	517.7		593.9	557.7		600.0	495.0			
	Std. Error	10.0	12.6		2.3	3.8		2.3				
	Sample Size	2	13		104	50		137	1			
<b>Statistical Week 34 (August 17 - 23)</b>												
Male	Avg. Length		518.3		599.3	578.4	635.0	604.0		635.0		
	Std. Error		30.0		2.2	7.4	5.0	3.6				
	Sample Size		3		69	19	2	59	1			
Female	Avg. Length		486.3		586.1	561.0		592.2				
	Std. Error		10.1		3.4	5.9		3.3				
	Sample Size		4		44	34		67				
All Fish	Avg. Length		500.0		594.2	567.3	635.0	597.7		635.0		
	Std. Error		14.1		2.0	4.7	5.0	2.5				
	Sample Size		7		113	53	2	126	1			
<b>Statistical Week 35 (August 24 - 30)</b>												
Male	Avg. Length		486.0		600.7	579.3		607.1		590.0		
	Std. Error		25.8		2.6	6.5		5.4				
	Sample Size		5		81	7		29	1			
Female	Avg. Length		525.0		584.6	538.8	615.0	595.5	530.0			
	Std. Error				1.8	17.1		5.3	30.0			
	Sample Size		1		86	4	1	22	2			
All Fish 1	Avg. Length	590.0	492.5		592.2	563.3	615.0	601.5	530.0		590.0	
	Std. Error		22.0		1.6	8.6	5.0	3.6	30.0			
	Sample Size		1	6	169	12	1	58	2	1		
<b>Statistical Week 36 (August 31 - Sept. 6)</b>												
Male	Avg. Length		505.0		607.5	565.8		619.8	543.3			
	Std. Error		25.0		3.4	4.9		3.4	4.4			
	Sample Size		2		36	39		60	3			
Female	Avg. Length				582.7	552.4	610.0	608.6	570.0			
	Std. Error				4.6	3.0		2.4				
	Sample Size				11	56	1	66	1			
All Fish	Avg. Length		505.0		601.7	557.9	610.0	613.9	550.0			
	Std. Error		25.0		3.2	2.8		2.1	7.4			
	Sample Size		2		47	95	1	126	4			
<b>Statistical Week 37 (Sept. 7 - 13)</b>												
Male	Avg. Length		526.7		614.3	580.8	630.0	624.4	583.8			
	Std. Error		7.3		3.2	4.4		3.8	14.8			
	Sample Size		3		30	30	1	40	4			
Female	Avg. Length				597.3	546.5		605.9	573.3			
	Std. Error				4.7	3.4		3.9	10.1			
	Sample Size				22	27		29	3			
All Fish	Avg. Length		526.7		607.1	564.6	630.0	616.6	579.3			
	Std. Error		7.3		2.9	3.6		2.9	9.0			
	Sample Size		3		52	57	1	69	7			
<b>Statistical Weeks 38 - 41 (Sept. 14 - October 11)</b>												
Male	Avg. Length				611.1	583.6	630.0	625.1	577.5	600.0	620.0	
	Std. Error				6.6	3.7		1.6	3.2			
	Sample Size				9	73	1	138	4	1	1	
Female	Avg. Length				593.9	559.9		610.4	544.3		585.0	
	Std. Error				5.3	2.5		1.8	10.3			
	Sample Size				14	76		128	7			
All Fish	Avg. Length				600.7	571.5	630.0	618.0	556.4	600.0	602.5	
	Std. Error				4.4	2.4		1.3	8.2		17.5	
	Sample Size				23	149	1	266	11	1	2	
<b>Combined Periods (Unweighted)</b>												
Male	Avg. Length	501.5	582.4	513.1		589.3	572.9	620.0	608.7	564.2	605.0	
	Std. Error	13.2	1.8	2.9		1.4	2.2	8.9	1.3	9.2	15.0	
	Sample Size	10	123	175		788	224	7	556	12	6	
Female	Avg. Length		571.0	515.5	635.0	577.7	553.2	607.1	597.5	550.8		
	Std. Error		1.9	4.7		0.9	1.7	6.3	1.1	8.0		
	Sample Size		87	54	1	705	270	7	540	13	1	
All Fish	Avg. Length	501.5	577.6	514.0	635.0	583.6	562.1	613.6	603.0	557.2	605.0	
	Std. Error	13.2	1.3	2.4		0.9	1.4	5.6	0.9	6.1	10.9	
	Sample Size	10	217	233	1	1520	497	14	1110	25	6	

1/ Includes unsexed fish totals.

Appendix Table 19. Age composition of the District 101 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Statistical Week	Brood Year and Age Class													Total		
		1983		1982			1981			1980			1979				
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	1.5	2.4	3.3	
<b>Statistical Week 28 (July 6 - 12)</b>																	
Male																	
Sample Number		2	51				107	97		2	31					290	
Percent		0.3	8.1				16.9	15.3		0.3	4.9					45.8	
Std. Error		0.2	1.1				1.5	1.4		0.2	0.9					2.0	
Number		24	618				1298	1177		24	376					3517	
Female																	
Sample Number			59				131	133			20					343	
Percent			9.3				20.7	21.0			3.2					54.2	
Std. Error			1.2				1.6	1.6			0.7					2.0	
Number			715				1589	1612			243					4159	
All Fish																	
Sample Number		2	110				238	230		2	51					633	
Percent		0.3	17.4				37.6	36.3		0.3	8.1					100.0	
Std. Error		0.2	1.5				1.9	1.9		0.2	1.1						
Number		24	1333				2887	2789		24	619					7676	
<b>Statistical Week 29 (July 13 - 19)</b>																	
Male																	
Sample Number	1		1	95		2	1	87	42			17	1			247	
Percent	0.2		0.2	18.9		0.4	0.2	17.3	8.4			3.4	0.2			49.2	
Std. Error	0.2		0.2	1.7		0.3	0.2	1.7	1.2			0.8	0.2			2.2	
Number	8		8	796		17	8	731	352			142	8			2070	
Female																	
Sample Number		1	85				91	60		1	17					255	
Percent		0.2	16.9				18.1	12.0		0.2	3.4					50.8	
Std. Error		0.2	1.7				1.7	1.4		0.2	0.8					2.2	
Number		8	712				764	503		8	142					2137	
All Fish																	
Sample Number	1		2	180		2	1	178	102		1	34	1			502	
Percent	0.2		0.4	35.9		0.4	0.2	35.5	20.3		0.2	6.8	0.2			100.0	
Std. Error	0.2		0.3	2.1		0.3	0.2	2.1	1.8		0.2	1.1	0.2				
Number	8		16	1508		17	8	1495	855		8	284	8			4207	
<b>Statistical Week 30 (July 20 - 26)</b>																	
Male																	
Sample Number	3		2	53		3		78	19			16				174	
Percent	0.8	0.6		14.9	0.8			21.9	5.3			4.5				48.9	
Std. Error	0.5	0.4		1.9	0.5			2.2	1.2			1.1				2.7	
Number	75		50	1323		75		1947	474			400				4344	
Female																	
Sample Number			39				104	16		1	22					182	
Percent			11.0				29.2	4.5		0.3	6.2					51.1	
Std. Error			1.7				2.4	1.1		0.3	1.3					2.7	
Number			974				2596	399		25	549					4543	
All Fish																	
Sample Number	3		2	92		3		182	35		1	38				356	
Percent	0.8	0.6		25.8	0.8			51.1	9.8		0.3	10.7				100.0	
Std. Error	0.5	0.4		2.3	0.5			2.7	1.6		0.3	1.6					
Number	75		50	2297		75		4543	873		25	949				8887	
<b>Statistical Week 31 (July 27 - August 2)</b>																	
Male																	
Sample Number	1		1	97			135	29			25		1			289	
Percent	0.2		0.2	16.2			22.5	4.8			4.2		0.2			48.2	
Std. Error	0.2		0.2	1.5			1.7	0.9			0.8		0.2			2.0	
Number	31		31	2981			4149	891			768		31			8882	
Female																	
Sample Number		2	50				174	28		1	55					310	
Percent		0.3	8.3				29.0	4.7		0.2	9.2					51.8	
Std. Error		0.2	1.1				1.9	0.9		0.2	1.2					2.0	
Number		61	1537				5348	861		31	1590					9528	
All Fish																	
Sample Number	1		3	147			309	57		1	80		1			599	
Percent	0.2		0.5	24.5			51.6	9.5		0.2	13.4		0.2			100.0	
Std. Error	0.2		0.3	1.8			2.0	1.2		0.2	1.4		0.2				
Number	31		92	4518			9497	1752		31	2458		31			18410	
<b>Statistical Week 32 (August 3 - 9)</b>																	
Male																	
Sample Number	2		81				141	42			45					311	
Percent	0.3		12.2				21.3	5.3			6.8					46.9	
Std. Error	0.2		1.3				1.6	0.9			1.0					1.9	
Number	55		2247				3911	1165			1248					8626	
Female																	
Sample Number	1		1	52			165	42		3	88					352	
Percent	0.2		0.2	7.8			24.9	6.3		0.5	13.3					53.1	
Std. Error	0.2		0.2	1.0			1.7	0.9		0.3	1.3					1.9	
Number	28		28	1442			4577	1165		83	2441					9764	
All Fish																	
Sample Number	1		2	1	133			306	84		3	133				663	
Percent	0.2	0.3	0.2	0.2	20.1			46.2	12.7		0.5	20.1				100.0	
Std. Error	0.2	0.2	0.2	1.6			1.9	1.3		0.3	1.6						
Number	28	55	28	3689			8488	2330		83	3689					18390	

-Continued-

Appendix Table 19. Age composition of the District 101 seine catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

	Brood Year and Age Class														Total	
	1983		1982			1981			1980			1979				
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	3.1	1.4	2.3	3.2	1.5	2.4	3.3	
Statistical Week 33 (August 10 - 16)																
Male																
Sample Number	1	50	2			95	45			48	1					242
Percent	0.2	7.5	0.3			14.3	6.8			7.2	0.2					36.4
Std. Error	0.2	1.0	0.2			1.4	1.0			1.0	0.2					1.9
Number	12	621	25			1181	559			596	12					3006
Female																
Sample Number	1	95	3			180	75			66	1	1				422
Percent	0.2	14.3	0.5			27.1	11.3			9.9	0.2	0.2				63.6
Std. Error	0.2	1.4	0.3			1.7	1.2			1.2	0.2	0.2				1.9
Number	12	1180	37			2238	932			820	12	12				5243
All Fish																
Sample Number	2	145	5			275	120			114	2	1				664
Percent	0.3	21.8	0.8			41.4	18.1			17.2	0.3	0.2				100.0
Std. Error	0.2	1.6	0.3			1.9	1.5			1.5	0.2	0.2				
Number	24	1601	62			3419	1491			1416	24	12				8249
Statistical Week 34 (August 17 - 23)																
Male																
Sample Number	57	1				98	58			1	51	1	1			268
Percent	7.5	0.1				12.9	7.6			0.1	6.7	0.1	0.1			35.3
Std. Error	1.0	0.1				1.2	1.0			0.1	0.9	0.1	0.1			1.7
Number	365	6				629	371			6	326	6	6			1715
Female																
Sample Number	123	2				216	94			49	7	1				492
Percent	16.2	0.3				28.4	12.4			6.4	0.9	0.1	0.1			64.7
Std. Error	1.3	0.2				1.6	1.2			0.9	0.3	0.1	0.1			1.7
Number	787	13				1382	602			314	45	6	6			3149
All Fish																
Sample Number	180	3				314	152			1	100	7	1	1	1	760
Percent	23.7	0.4				41.3	20.0			0.1	13.2	0.9	0.1	0.1	0.1	100.0
Std. Error	1.5	0.2				1.8	1.5			0.1	1.2	0.3	0.1	0.1	0.1	
Number	1152	19				2011	973			640	45	6	6			4864
Statistical Week 35 (August 24 - 30)																
Male																
Sample Number	1	18				32	15	1		7	2					75
Percent	0.4	7.8				13.9	6.5	0.4		3.0	0.9					33.0
Std. Error	0.4	1.8				2.3	1.6	0.4		1.1	0.6					3.1
Number	12	223				398	186	12		87	25					943
Female																
Sample Number	45					47	43			13	6					154
Percent	19.6					20.4	18.7			5.7	2.6					67.0
Std. Error	2.6					2.7	2.6			1.5	1.1					3.1
Number	559					584	534			161	74					1912
All Fish																
Sample Number	1	63				79	58	1		20	8					230
Percent	0.4	27.4				34.3	25.2	0.4		8.7	3.5					100.0
Std. Error	0.4	2.9				3.1	2.9	0.4		1.9	1.2					
Number	12	782				982	720	12		248	99					2855
Statistical Week 36 (August 31 - Sept. 6)																
Male																
Sample Number	10	1				8	14			4	2					39
Percent	7.6	0.8				5.1	10.7			3.1	1.5					29.8
Std. Error	2.3	0.8				2.1	2.7			1.5	1.1					4.0
Number	92	9				74	129			37	18					359
Female																
Sample Number	1	19				30	23			2	17					92
Percent	0.8	14.5				22.9	17.6			1.5	13.0					70.2
Std. Error	0.8	3.1				3.7	3.3			1.1	2.9					4.0
Number	9	175				277	212			18	157					848
All Fish																
Sample Number	1	29	1			38	37			2	21	2				131
Percent	0.8	22.1	0.8			29.0	28.2			1.5	16.0	1.5				100.0
Std. Error	0.8	3.6	0.8			4.0	3.9			1.1	3.2	1.1				
Number	9	267	9			351	341			18	194	18				1207
Combined Periods (Percentages are weighted by period catches)																
Male																
Sample Number	5	5	5	512	9	1	781	361	1	3	244	6	1	2		1936
Percent	0.2	0.2	0.1	12.4	0.2	(0.1	19.1	7.1	(0.1	0.1	5.3	0.1	(0.1	(0.1		44.8
Std. Error	0.1	0.1	0.1	0.6	0.1	(0.1	0.7	0.4	(0.1	0.1	0.4	0.1	(0.1	(0.1		0.8
Number	114	117	75	9266	132	8	14318	5304	12	30	3980	63	6	37		33462
Female																
Sample Number	1	1	5	567	5		1138	514		8	347	14	1	1		2602
Percent	(0.1	(0.1	0.1	10.8	0.1		25.9	9.1		0.2	8.7	0.2	(0.1	(0.1		55.2
Std. Error	(0.1	(0.1	0.1	0.5	(0.1		0.7	0.4		0.1	0.5	(0.1	(0.1	(0.1		0.8
Number	28	9	109	8081	50		19355	6820		165	6517	131	12	6		41283
All Fish																
Sample Number	6	6	10	1079	14	1	1919	875	1	11	591	20	2	1	2	4538
Percent	0.2	0.2	0.2	23.2	0.2	(0.1	45.0	16.2	(0.1	0.3	14.0	0.3	(0.1	(0.1		100.0
Std. Error	0.1	0.1	0.1	0.7	0.1	(0.1	0.8	0.6	(0.1	0.1	0.6	0.1	(0.1	(0.1		
Number	142	126	184	17347	182	8	33673	12124	12	195	10497	194	18	6	37	74745

Appendix Table 20. Length composition of the District 101 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class							
		1983		1982		1981		1980	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2
Statistical Week	28 (July 6 - 12)								
Male	Avg. Length			533.3	597.1	565.6	621.4		
	Std. Error			13.0	5.6	3.8	7.4		
	Sample Size			6	19	9	7		
Female	Avg. Length			510.0	569.0	526.7	566.7		
	Std. Error			8.9	6.1	5.5	19.2		
	Sample Size			8	15	15	3		
All Fish	Avg. Length			520.0	584.7	541.3	605.0		
	Std. Error			7.9	4.7	5.4	11.0		
	Sample Size			14	34	24	10		
Statistical Week	29 (July 13 - 19)								
Male	Avg. Length	460.0		529.4	590.0	510.0	612.5		
	Std. Error			15.5	8.0	16.0	2.5		
	Sample Size	1		9	11	5	2		
Female	Avg. Length			519.2	575.0	541.0	585.8		
	Std. Error			9.8	6.1	17.1	9.3		
	Sample Size			6	11	5	6		
All Fish	Avg. Length	460.0		525.3	582.5	525.5	592.5		
	Std. Error			9.9	5.2	12.2	8.1		
	Sample Size	1		15	22	10	8		
Statistical Week	30 (July 20 - 26)								
Male	Avg. Length			491.0	575.0	605.0	585.0		
	Std. Error			22.1	11.7	1	15.5		
	Sample Size			5	4		7		
Female	Avg. Length			503.0	573.9	460.0	570.0		
	Std. Error			12.1	6.5	10.0			
	Sample Size			5	9	2		1	
All Fish	Avg. Length			497.0	574.2	508.3	583.1		
	Std. Error			12.0	5.5	48.7	13.6		
	Sample Size			10	13	3	8		
Statistical Week	31 (July 27 - August 2)								
Male	Avg. Length			503.9	597.8	550.0	580.0		
	Std. Error			12.8	5.5		40.0		
	Sample Size			14	18	1	2		
Female	Avg. Length			560.0	522.5	589.3	570.0		
	Std. Error			17.5	3.5	2.5	5.0		
	Sample Size			1	2	2	3		
All Fish	Avg. Length			560.0	506.3	592.6	574.0		
	Std. Error			11.4	3.0	6.0	13.2		
	Sample Size			1	16	3	5		
Statistical Week	32 (August 3 - 9)								
Male	Avg. Length			499.2	600.9	555.0	608.8		
	Std. Error			15.2	6.9	23.5	12.0		
	Sample Size			12	16	5	4		
Female	Avg. Length			537.9	581.5	523.3	571.7		
	Std. Error			15.6	4.0	15.9	10.9		
	Sample Size			7	20	3	12		
All Fish	Avg. Length			513.4	590.1	543.1	580.9		
	Std. Error			11.8	4.1	16.1	9.5		
	Sample Size			19	36	8	16		

-Continued-

Appendix Table 20. Length composition of the District 101 seine catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week		Brood Year and Age Class							
		1983		1982		1981		1980	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2
<b>Statistical Week 33 (August 10 - 16)</b>									
Male	Avg. Length			553.0	607.8	539.3		575.8	
	Std. Error			14.6	3.9	13.3		13.9	
	Sample Size			5	16	7		6	
Female	Avg. Length			515.0	565.0	523.5		589.2	
	Std. Error			6.2	6.3	10.5		10.5	
	Sample Size			10	20	10		6	
All Fish	Avg. Length			527.7	584.0	530.0		582.5	
	Std. Error			7.7	5.3	8.2		8.6	
	Sample Size			15	36	17		12	
<b>Statistical Week 34 (August 17 - 23)</b>									
Male	Avg. Length			540.6	623.1	537.7		595.4	
	Std. Error			16.4	12.6	12.8		12.4	
	Sample Size			9	8	13		13	
Female	Avg. Length			520.9	575.5	537.0		574.2	
	Std. Error			3.6	7.6	10.8		15.8	
	Sample Size			16	19	10		6	
All Fish	Avg. Length			528.0	589.6	537.4		588.7	
	Std. Error			6.4	7.7	8.4		9.8	
	Sample Size			25	27	23		19	
<b>Statistical Week 35 (August 24 - 30)</b>									
Male	Avg. Length				605.8	491.7		645.0	525.0
	Std. Error				10.9	16.7			
	Sample Size				6	3		1	1
Female	Avg. Length			516.3	599.0	523.0		595.0	
	Std. Error			29.0	11.1	18.5		20.0	
	Sample Size			4	5	5		2	
All Fish	Avg. Length			516.3	602.7	511.3		611.7	525.0
	Std. Error			29.0	7.5	13.6		20.3	
	Sample Size			4	11	8		3	1
<b>Statistical Week 36 (August 31 - Sept. 6)</b>									
Male	Avg. Length			527.5		530.0		560.0	
	Std. Error			2.5		40.0			
	Sample Size			2		2		1	
Female	Avg. Length			525.0	587.0	508.3		525.0	
	Std. Error				13.3	14.2		15.0	
	Sample Size			1	5	3		2	
All Fish	Avg. Length			526.7	587.0	517.0		525.0	560.0
	Std. Error			1.7	13.3	15.8		15.0	
	Sample Size			3	5	5		2	1
<b>Combined Periods (Unweighted)</b>									
Male	Avg. Length	460.0		518.5	600.6	540.7		597.7	542.5
	Std. Error			6.1	2.6	6.1		5.8	17.5
	Sample Size	1		62	98	46		42	2
Female	Avg. Length	560.0		518.6	578.3	525.5	625.0	575.0	
	Std. Error			3.5	2.2	4.3		5.0	
	Sample Size	1		59	133	55	1	41	
All Fish	Avg. Length	460.0	560.0	518.6	587.7	532.4	625.0	586.5	542.5
	Std. Error			3.5	1.8	3.7		4.0	17.5
	Sample Size	1	1	121	231	101	1	83	2

Appendix Table 21. Age composition of the District 102 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class												
	1983		1982			1981		1980			Total		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2			
Statistical Weeks	29	-	33	(July 13 - August 16)									
<b>Male</b>													
Sample Number		2		58	1	45	27	1	16		150		
Percent		0.4		13.0	0.2	10.1	6.0	0.2	3.6		33.6		
Std. Error		0.3		1.6	0.2	1.4	1.1	0.2	0.9		2.2		
Number		127		3670	63	2847	1708	63	1013		9491		
<b>Female</b>													
Sample Number			81		122	62	1	31		297			
Percent			18.1		27.3	13.9	0.2	6.9		66.4			
Std. Error			1.8		2.1	1.6	0.2	1.2		2.2			
Number			5125		7719	3923	63	1961		18791			
<b>All Fish</b>													
Sample Number		2		139	1	167	89	2	47		447		
Percent		0.4		31.1	0.2	37.4	19.9	0.4	10.5		100.0		
Std. Error		0.3		2.2	0.2	2.3	1.9	0.3	1.5				
Number		127		8795	63	10566	5631	126	2974		28282		
Statistical Weeks	34	-	40	(August 17 - October 4)									
<b>Male</b>													
Sample Number			28		17	31		2	1	79			
Percent			11.1		6.7	12.3		0.8	0.4	31.3			
Std. Error			2.0		1.6	2.1		0.6	0.4	2.9			
Number			489		297	542		35	17	1380			
<b>Female</b>													
Sample Number	1		1	84		33	41		11	2	173		
Percent	0.4		0.4	33.3		13.1	16.3		4.4	0.8	68.7		
Std. Error	0.4		0.4	3.0		2.1	2.3		1.3	0.6	2.9		
Number	17		17	1469		576	716		192	35	3022		
<b>All Fish</b>													
Sample Number	1		1	112		50	72		13	3	252		
Percent	0.4		0.4	44.4		19.8	28.6		5.2	1.2	100.0		
Std. Error	0.4		0.4	3.1		2.5	2.9		1.4	0.7			
Number	17		17	1958		873	1258		227	52	4402		
<b>Combined Periods (Percentages are weighted by period catches)</b>													
<b>Male</b>													
Sample Number		2		86	1	62	58	1	18	1	229		
Percent		0.4		12.7	0.2	9.6	6.9	0.2	3.2	0.1	33.3		
Std. Error		0.3		1.4	0.2	1.3	1.0	0.2	0.8	0.1	2.0		
Number		127		4159	63	3144	2250	63	1048	17	10871		
<b>Female</b>													
Sample Number	1		1	165		155	103	1	42	2	470		
Percent	0.1		0.1	20.2		25.4	14.2	0.2	6.6	0.1	66.7		
Std. Error	0.1		0.1	1.6		1.8	1.5	0.2	1.1	0.1	2.0		
Number	17		17	6594		8295	4639	63	2153	35	21813		
<b>All Fish</b>													
Sample Number	1	2	1	251	1	217	161	2	60	3	699		
Percent	0.1	0.4	0.1	32.9	0.2	35.0	21.1	0.4	9.8	0.2	100.0		
Std. Error	0.1	0.3	0.1	1.9	0.2	2.0	1.7	0.3	1.3	0.1			
Number	17	127	17	10753	63	11439	6889	126	3201	52	32684		

Appendix Table 22. Length composition of the District 102 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
		1982		1981		1980
		0.3	1.2	1.3	2.2	2.3
<b>Statistical Weeks</b>		29 - 33	(July 13 - August 16)			
Male	Avg. Length	493.3	600.0	557.0	620.0	
	Std. Error	15.9	23.1	13.8	10.0	
	Sample Size	6	3	5	2	
Female	Avg. Length	510.7	574.2	511.7	568.8	
	Std. Error	12.3	4.7	17.8	36.3	
	Sample Size	7	13	6	4	
All Fish	Avg. Length	502.7	579.1	532.3	585.8	
	Std. Error	9.8	5.8	13.1	25.5	
	Sample Size	13	16	11	6	
<b>Statistical Weeks</b>		34 - 40	(August 17 - October 4)			
Male	Avg. Length	480.0	575.0	539.3		500.0
	Std. Error		11.5	10.9		
	Sample Size	1	5	7		1
Female	Avg. Length	530.0	512.3	590.0	505.0	
	Std. Error	7.4		2.9		
	Sample Size	1	13	1	4	
All Fish	Avg. Length	530.0	510.0	577.5	526.8	500.0
	Std. Error	7.2	9.7	8.6		
	Sample Size	1	14	6	11	1
<b>Combined Periods (Unweighted)</b>						
Male	Avg. Length	491.4	584.4	546.7	620.0	500.0
	Std. Error	13.6	11.2	8.6	10.0	
	Sample Size	7	8	12	2	1
Female	Avg. Length	530.0	511.8	575.4	509.0	568.8
	Std. Error	6.2	4.5	10.4	36.3	
	Sample Size	1	20	14	10	4
All Fish	Avg. Length	530.0	506.5	578.6	529.5	585.8
	Std. Error	5.9	4.9	7.7	25.5	
	Sample Size	1	27	22	22	6
						1

Appendix Table 23. Age composition of the District 103 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	Brood Year and Age Class										Total	
	1983		1982			1981		1980				
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2		
33 (August 10 - 16)												
Male												
Sample Number			74		1	89	32		15	1	212	
Percent			13.0		0.2	15.6	5.6		2.6	0.2	37.2	
Std. Error			1.4		0.2	1.5	1.0		0.7	0.2	2.0	
Number			541		7	652	234		110	7	1551	
Female			1	112		181	41		19	3	358	
Sample Number			0.2	0.2	19.6	31.8	7.2		3.3	0.5	62.8	
Percent			0.2	0.2	1.7	2.0	1.1		0.8	0.3	2.0	
Std. Error			0.2	0.2	7	820	1325	300	139	22	2620	
All Fish			1	186	1	270	73		34	4	570	
Sample Number			0.2	0.2	32.6	47.4	12.8		6.0	0.7	100.0	
Percent			0.2	0.2	2.0	0.2	2.1	1.4	1.0	0.3		
Std. Error			0.2	0.2	7	1361	1977	534	249	29	4171	
34 (August 17 - 23)												
Male												
Sample Number			2	47	3	49	18		13		132	
Percent			0.6	14.9	1.0	15.6	5.7		4.1		41.9	
Std. Error			0.4	2.0	0.5	2.0	1.3		1.1		2.8	
Number			33	766	49	799	294		212		2153	
Female			1	61	2	84	24	1	10		183	
Sample Number			0.3	19.4	0.6	26.7	7.6	0.3	3.2		58.1	
Percent			0.3	2.2	0.4	2.5	1.5	0.3	1.0		2.8	
Std. Error			0.3	995	33	1370	391	16	163		2984	
All Fish			3	108	5	133	42	1	23		315	
Sample Number			1.0	34.3	1.6	42.2	13.3	0.3	7.3		100.0	
Percent			0.5	2.7	0.7	2.8	1.9	0.3	1.5			
Std. Error			49	1761	82	2169	685	16	375		5137	
35 - 36 (August 24 - Sept. 6)												
Male												
Sample Number			3	92	1	57	29		10		192	
Percent			0.9	27.0	0.3	16.7	8.5		2.9		56.3	
Std. Error			0.5	2.4	0.3	2.0	1.5		0.9		2.7	
Number			38	1150	13	711	363		125		2400	
Female												
Sample Number				54		66	16		12	1	149	
Percent				15.8		19.4	4.7		3.5	0.3	43.7	
Std. Error				2.0		2.1	1.1		1.0	0.3	2.7	
Number				675		825	200		150	13	1863	
All Fish			3	146	1	123	45		22	1	341	
Sample Number			0.9	42.8	0.3	36.1	13.2		6.5	0.3	100.0	
Percent			0.5	2.7	0.3	2.6	1.8		1.3	0.3		
Std. Error			38	1825	13	1536	563		275	13	4263	
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number			5	213	5	195	79		38	1	536	
Percent			0.5	18.1	0.5	15.9	6.6		3.3	0.1	45.0	
Std. Error			0.2	1.2	0.2	1.1	0.7		0.6	0.1	1.5	
Number			71	2457	69	2162	891		447	7	6104	
Female			1	1	1	227	2	331	81	1	690	
Sample Number			0.1	0.1	0.1	18.3	0.2	25.9	6.6	0.1	55.0	
Percent			0.1	0.1	0.1	1.2	0.2	1.3	0.7	0.5	1.5	
Std. Error			0.1	0.1	0.1	1.2	0.2	1.3	0.1	0.1		
Number			7	16	7	2490	33	3520	891	16	7467	
All Fish			1	6	1	440	7	526	160	1	1226	
Sample Number			0.1	0.6	0.1	36.5	0.7	41.9	13.1	0.1	100.0	
Percent			0.1	0.3	0.1	1.5	0.3	1.5	1.0	0.1		
Std. Error			0.1	0.3	0.1	1.5	0.3	1.5	1.0	0.8	0.1	
Number			7	87	7	4947	102	5682	1782	16	13571	

Appendix Table 24. Length composition of the District 103 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class								
		1983	1982		1981		1980	
		1.1	1.2	2.1	1.3	2.2	2.3	3.2
<b>Statistical Week 33 (August 10 - 16)</b>								
Male	Avg. Length		521.6		572.2	487.9	630.0	535.0
	Std. Error		8.8		9.0	15.1	15.0	
	Sample Size		25		30	7	2	1
Female	Avg. Length		519.5		560.6	515.6	576.0	515.0
	Std. Error		8.8		5.7	26.5	10.4	
	Sample Size		28		42	8	5	1
All Fish	Avg. Length		520.5		565.4	502.7	591.4	525.0
	Std. Error		6.2		5.0	15.7	12.7	10.0
	Sample Size		53		72	15	7	2
<b>Statistical Week 34 (August 17 - 23)</b>								
Male	Avg. Length	380.0	516.3	395.0	583.3	529.3	596.9	
	Std. Error		11.7		7.8	14.4	6.3	
	Sample Size	1	19	1	20	7	8	
Female	Avg. Length		506.3	405.0	562.2	522.0	566.3	
	Std. Error		4.8		5.1	9.4	5.5	
	Sample Size		34	1	42	10	4	
All Fish	Avg. Length	380.0	509.9	400.0	569.0	525.0	586.7	
	Std. Error		5.2	5.0	4.4	7.9	6.2	
	Sample Size	1	53	2	62	17	12	
<b>Statistical Weeks 35 - 36 (August 24 - Sept. 6)</b>								
Male	Avg. Length	380.0	508.6	370.0	564.4	545.7	555.0	
	Std. Error		12.7		7.8	18.0	17.0	
	Sample Size	1	22	1	17	7	4	
Female	Avg. Length		516.5		556.4	492.5	540.0	
	Std. Error		13.2		9.9	8.3		
	Sample Size		13		14	4	1	
All Fish	Avg. Length	380.0	511.6	370.0	560.8	526.4	552.0	
	Std. Error		9.3		6.1	14.0	13.5	
	Sample Size	1	35	1	31	11	5	
<b>Combined Periods (Unweighted)</b>								
Male	Avg. Length	380.0	515.8	382.5	573.5	521.0	589.6	535.0
	Std. Error	<0.1	6.3	12.5	5.1	10.3	8.9	
	Sample Size	2	66	2	67	21	14	1
Female	Avg. Length		513.0	405.0	560.7	514.3	568.5	515.0
	Std. Error		4.5		3.5	10.5	6.4	
	Sample Size		75	1	98	22	10	1
All Fish	Avg. Length	380.0	514.3	390.0	565.9	517.6	580.8	525.0
	Std. Error	<0.1	3.8	10.4	3.0	7.3	6.1	10.0
	Sample Size	2	141	3	165	43	24	2

Appendix Table 25. Age composition of the District 104 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Statistical Week	28	Brood Year and Age Class												Total	
		1983			1982			1981			1980				
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	1.5	2.4	3.3	
Male															
Sample Number	2		2	47		105	31		20						207
Percent	0.5		0.5	10.9		24.4	7.2		4.6						48.0
Std. Error	0.3		0.3	1.5		2.1	1.2		1.0						2.4
Number	33		33	785		1752	517		334						3454
Female															
Sample Number		4	37		132	31		20							224
Percent		0.9	8.6		30.6	7.2		4.6							52.0
Std. Error		0.5	1.4		2.2	1.2		1.0							2.4
Number		67	617		2203	517		334							3738
All Fish															
Sample Number	2		6	84		237	62		40						431
Percent	0.5		1.4	19.5		55.0	14.4		9.3						100.0
Std. Error	0.3		0.6	1.9		2.4	1.7		1.4						
Number	33		100	1402		3955	1034		668						7192
Statistical Week	29	(July 13 - 19)													
Male															
Sample Number	1	6		129	2	211	65	1	35						450
Percent	0.1	0.7		14.7	0.2	24.0	7.4	0.1	4.0						51.3
Std. Error	0.1	0.3		1.2	0.2	1.4	0.9	0.1	0.7						1.7
Number	35	207		4453	69	7282	2244	35	1208						15533
Female															
Sample Number	2	3		112	1	231	51		28						428
Percent	0.2	0.3		12.8	0.1	26.3	5.8		3.2						48.7
Std. Error	0.2	0.2		1.1	0.1	1.5	0.8		0.6						1.7
Number	69	104		3866	35	7973	1760		967						14774
All Fish															
Sample Number	1	8	3	241	3	442	116	1	63						878
Percent	0.1	0.9	0.3	27.4	0.3	50.3	13.2	0.1	7.2						100.0
Std. Error	0.1	0.3	0.2	1.5	0.2	1.7	1.1	0.1	0.9						
Number	35	276	104	8319	104	15255	4004	35	2175						30307
Statistical Week	30	(July 20 - 26)													
Male															
Sample Number	3		119	1	272	52		71							518
Percent	0.3		10.3	0.1	23.5	4.5		6.1							44.7
Std. Error	0.1		0.9	0.1	1.2	0.6		0.7							1.5
Number	139		5506	46	12584	2406		3285							23966
Female															
Sample Number	2	1	231	1	334	32		39	1						641
Percent	0.2	0.1	19.9	0.1	28.8	2.8		3.4	0.1						55.3
Std. Error	0.1	0.1	1.2	0.1	1.3	0.5		0.5	0.1						1.5
Number	93	46	10687	46	15454	1481		1804	46						29657
All Fish 1/															
Sample Number	5	1	350	2	607	85		110	1						1161
Percent	0.4	0.1	30.1	0.2	52.3	7.3		9.5	0.1						100.0
Std. Error	0.2	0.1	1.3	0.1	1.5	0.8		0.9	0.1						
Number	232	46	16193	93	28083	3333		5089	46						53715
Statistical Week	31	(July 27 - August 2)													
Male															
Sample Number		1	106		196	31	1	49							384
Percent		0.1	10.9		20.2	3.2	0.1	5.1							39.6
Std. Error		0.1	1.0		1.3	0.6	0.1	0.7							1.6
Number		107	11389		21058	3331	107	5265							41257
Female															
Sample Number	2	3	177		334	31		38	1						586
Percent	0.2	0.3	18.2		34.4	3.2		3.9	0.1						60.4
Std. Error	0.1	0.2	1.2		1.5	0.6		0.6	0.1						1.6
Number	215	322	19817		35885	3331		4083	107						62960
All Fish 1/															
Sample Number	1	2	4	283		530	62	1	87	1					971
Percent	0.1	0.2	0.4	29.1		54.6	6.4	0.1	9.0	0.1					100.0
Std. Error	0.1	0.1	0.2	1.5		1.6	0.8	0.1	0.9	0.1					
Number	108	215	429	30406		56943	6662	107	9348	107					104325

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**Appendix Table 25.** Age composition of the District 104 seine catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Statistical Week		Brood Year and Age Class													Total	
		1983		1982		1981		1980		1979						
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	1.5	2.4	3.3		
Statistical Week	32 (August 3 - 9)															
<b>Male</b>																
Sample Number	1		94	1	152	44	1	69							362	
Percent	0.1		11.3	0.1	18.3	5.3	0.1	8.3							43.6	
Std. Error	0.1		1.1	0.1	1.3	0.8	0.1	1.0							1.7	
Number	185		17446	186	28210	8166	186	12806							67185	
<b>Female</b>																
Sample Number	3	1	175	4	201	45	2	36	1						469	
Percent	0.4	0.1	21.1	0.5	24.2	5.4	0.2	4.3	0.1						56.4	
Std. Error	0.2	0.1	1.4	0.2	1.5	0.8	0.2	0.7	0.1						1.7	
Number	557	186	32479	742	37304	8352	371	6681	186						87044	
<b>All Fish 1/</b>																
Sample Number	4	1	269	5	354	89	3	105	1						832	
Percent	0.5	0.1	32.3	0.6	42.5	10.7	0.4	12.6	0.1						100.0	
Std. Error	0.2	0.1	1.6	0.3	1.7	1.1	0.2	1.2	0.1						1.7	
Number	742	186	49925	928	65700	16518	557	19487	186						154415	
Statistical Week	33 (August 10 - 16)															
<b>Male</b>																
Sample Number	3		62	2	99	57		35							258	
Percent	0.5		9.8	0.3	15.7	9.0		5.5							40.8	
Std. Error	0.3		1.2	0.2	1.4	1.1		0.9							2.0	
Number	299		6180	199	9869	5682		3489							25718	
<b>Female</b>																
Sample Number	1		129		182	38		24							374	
Percent	0.2		20.4		28.8	6.0		3.8							59.2	
Std. Error	0.2		1.6		1.8	0.9		0.8							2.0	
Number	100		12859		18142	3788		2392							37281	
<b>All Fish 1/</b>																
Sample Number	4		191	2	281	95		60							633	
Percent	0.6		30.2	0.3	44.4	15.0		9.5							100.0	
Std. Error	0.3		1.8	0.2	2.0	1.4		1.2							1.2	
Number	399		19039	199	28011	9470		5981							63099	
Statistical Week	34 (August 17 - 23)															
<b>Male</b>																
Sample Number	1		58	2	88	38		16							204	
Percent	0.2		11.6	0.4	17.6	7.6		3.2							40.7	
Std. Error	0.2		1.4	0.3	1.7	1.2		0.8							2.2	
Number	32		1834	63	2782	1201		506							6450	
<b>Female</b>																
Sample Number	1		119	1	125	32		19							297	
Percent	0.2		23.8	0.2	25.0	6.4		3.8							59.3	
Std. Error	0.2		1.9	0.2	1.9	1.1		0.9							2.2	
Number	32		3762	32	3952	1012		600							9390	
<b>All Fish 1/</b>																
Sample Number	2		177	3	213	70		36							502	
Percent	0.4		35.3	0.6	42.4	13.9		7.2							100.0	
Std. Error	0.3		2.1	0.3	2.2	1.5		1.2							1.2	
Number	63		5596	95	6735	2213		1138							15872	
Statistical Week	35 (August 24 - 30)															
<b>Male</b>																
Sample Number			152		48	34		18							252	
Percent			20.9		6.6	4.7		2.5							34.7	
Std. Error			1.5		0.9	0.8		0.6							1.8	
Number			2506		792	561		297							4156	
<b>Female</b>																
Sample Number	2	1	288	1	108	42		32	1						475	
Percent	0.3	0.1	39.6	0.1	14.9	5.8		4.4	0.1						65.3	
Std. Error	0.2	0.1	1.8	0.1	1.3	0.9		0.8	0.1						1.8	
Number	33	16	4750	16	1781	693		528	16						7833	
<b>All Fish</b>																
Sample Number	2	1	440	1	156	76		50	1						727	
Percent	0.3	0.1	60.5	0.1	21.5	10.5		6.9	0.1						100.0	
Std. Error	0.2	0.1	1.8	0.1	1.5	1.1		0.9	0.1						1.1	
Number	33	16	7256	16	2573	1254		825	16						11989	

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Appendix Table 25. Age composition of the District 104 seine catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

	Brood Year and Age Class															
	1983		1982		1981		1980		1979			Total				
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	1.5	2.4	3.3			
Statistical Weeks	36	-	39	(August 31 - Sept. 27)												
Male																
Sample Number	1	67				35	14	1	8				1	127		
Percent	0.3	18.0				9.4	3.8	0.3	2.2				0.3	34.1		
Std. Error	0.3	2.0				1.5	1.0	0.3	0.8				0.3	2.5		
Number	8	555				289	116	8	66				8	1050		
Female																
Sample Number		147				54	29		14				1	245		
Percent		39.5				14.5	7.8		3.8				0.3	65.9		
Std. Error		2.5				1.8	1.4		1.0				0.3	2.5		
Number		1215				447	240		116				8	2026		
All Fish																
Sample Number	1	214				89	43	1	22				2	372		
Percent	0.3	57.5				23.9	11.6	0.3	5.9				0.5	100.0		
Std. Error	0.3	2.6				2.2	1.7	0.3	1.2				0.4			
Number	8	1770				736	356	8	182				16	3076		
Combined Periods (Percentages are weighted by period catches)																
Male																
Sample Number	3	14	4	834	8	1206	366	4	321		1		1	2762		
Percent	(0.1	0.2	(0.1	11.4	0.1	19.1	5.5	0.1	6.1		(0.1	(0.1	(0.1	42.6		
Std. Error	(0.1	0.1	(0.1	0.5	0.1	0.6	0.4	(0.1	0.4		(0.1	(0.1	(0.1	0.8		
Number	68	862	148	50654	563	84618	24224	336	27256		32		8	188769		
Female																
Sample Number	2	11	13	1415	8	1701	331	2	250	4		1	1	3739		
Percent	(0.1	0.2	0.2	20.1	0.2	27.8	4.8	0.1	3.9	0.1		(0.1	(0.1	57.4		
Std. Error	(0.1	0.1	0.1	0.6	0.1	0.7	0.3	0.1	0.3	(0.1	(0.1	(0.1	(0.1	0.8		
Number	33	1066	741	89252	871	123141	21174	371	17505	355		186	8	254703		
All Fish																
Sample Number	6	25	17	2249	16	2909	698	6	573	4	1	1	2	6507		
Percent	(0.1	0.4	0.2	31.5	0.3	46.8	10.2	0.2	10.1	0.1	(0.1	(0.1	(0.1	100.0		
Std. Error	(0.1	0.1	0.1	0.7	0.1	0.8	0.5	0.1	0.5	(0.1	(0.1	(0.1	(0.1			
Number	209	1927	889	139906	1435	207991	45444	707	44893	355	32	186	16	443990		

1/ Includes unsexed fish totals.

Appendix Table 26. Length composition of the District 104 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class									
		1983		1982		1981		1980			
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2
Statistical Week 28 (July 6 - 12)											
Male	Avg. Length	522.5		560.0	524.3		578.9	536.9	593.8		
	Std. Error	107.5			6.8		3.4	6.3	10.8		
	Sample Size	2		1	43		87	25	17		
Female	Avg. Length			526.8	518.4		558.6	528.3	567.2		
	Std. Error			3.9	7.4		2.8	5.5	9.1		
	Sample Size			4	28		97	24	16		
All Fish	Avg. Length	522.5		533.4	522.0		568.2	532.7	580.9		
	Std. Error	107.5		7.3	5.0		2.3	4.2	7.4		
	Sample Size	2		5	71		184	49	33		
Statistical Week 29 (July 13 - 19)											
Male	Avg. Length	405.0	370.0		502.4		582.7	542.6	600.8		
	Std. Error		50.0		5.7		3.5	6.4	8.0		
	Sample Size	1	2		43		82	33	13		
Female	Avg. Length		375.0	465.0	506.4		565.7	516.8	567.9		
	Std. Error			7.8	2.7		2.7	8.0	10.8		
	Sample Size		1	1	28		83	20	7		
All Fish	Avg. Length	405.0	371.7	465.0	504.0		574.2	532.8	589.3		
	Std. Error		28.9		4.6		2.3	5.3	7.2		
	Sample Size	1	3	1	71		165	53	20		
Statistical Week 30 (July 20 - 26)											
Male	Avg. Length		385.0		521.2		578.7	528.8	599.3		
	Std. Error			5.2	3.3		9.1	7.2			
	Sample Size		1	41			93	24	20		
Female	Avg. Length			595.0	507.8		568.5	534.5	590.0		
	Std. Error			2.1	2.3		10.5	10.2			
	Sample Size		1	97			113	11	15		
All Fish	Avg. Length		385.0	595.0	511.8		573.1	530.6	595.3		
	Std. Error			2.2	2.0		7.0	6.0			
	Sample Size		1	1	138		206	35	35		
Statistical Week 31 (July 27 - August 2)											
Male	Avg. Length				504.1		598.1	554.4	670.0	627.0	
	Std. Error			9.5	3.4		12.3	8.0			
	Sample Size			54			18	1	23		
Female	Avg. Length			580.0	524.6		572.9	555.9	578.1		
	Std. Error			3.4	2.2		5.6	6.3			
	Sample Size		1	82			155	17	18		
All Fish	Avg. Length			580.0	516.4		582.4	555.1	670.0	605.5	
	Std. Error			4.4	2.0		6.8	6.5			
	Sample Size		1	136			248	35	1	41	
Statistical Week 32 (August 3 - 9)											
Male	Avg. Length				556.6		611.6	586.4	619.7		
	Std. Error			7.9	5.0		6.8	6.7			
	Sample Size			37			65	21	36		
Female	Avg. Length			665.0	527.2	413.3	579.7	547.4	575.0	584.9	
	Std. Error			4.0	24.6	3.9	7.1	9.8			
	Sample Size		1	81	3	111	25	1	15		
All Fish	Avg. Length			665.0	536.4	413.3	591.5	565.2	575.0	609.4	
	Std. Error			3.9	24.6	3.3	5.7	5.9			
	Sample Size		1	118	3	176	46	1	51		

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Appendix Table 26. Length composition of the District 104 seine catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class													
		1983			1982			1981			1980		
		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2		
<b>Statistical Week 33 (August 10 - 16)</b>													
Male	Avg. Length			537.5		601.4	562.8		605.9				
	Std. Error			6.5		3.3	8.9		9.1				
	Sample Size			28		64	32		23				
Female	Avg. Length			530.1		581.7	549.8		589.2				
	Std. Error			3.5		2.6	6.0		6.2				
	Sample Size			68		109	20		18				
All Fish	Avg. Length			532.2		589.0	557.8		598.1				
	Std. Error			3.1		2.2	6.0		5.7				
	Sample Size			96		173	52		42				
<b>Statistical Week 34 (August 17 - 23)</b>													
Male	Avg. Length			350.0		553.1	410.0	593.8	562.2		592.8		
	Std. Error					5.5		7.3	9.8		14.1		
	Sample Size			1		27	1	34	18		9		
Female	Avg. Length			395.0		530.5		584.1	518.0		596.4		
	Std. Error					5.1		3.9	8.7		16.1		
	Sample Size			1		49		63	15		7		
All Fish	Avg. Length			372.5		538.6	410.0	587.5	542.1		594.4		
	Std. Error			22.5		4.0		3.6	7.6		10.3		
	Sample Size			2		76	1	97	33		16		
<b>Statistical Week 35 (August 24 - 30)</b>													
Male	Avg. Length					562.4		602.1	556.4		614.1		
	Std. Error					3.4		6.5	11.6		6.1		
	Sample Size					67		29	18		11		
Female	Avg. Length			515.0		580.0	547.9		577.8	548.8			
	Std. Error					2.1		3.8	3.9		8.3		
	Sample Size			1		1	187	74	28		19		
All Fish	Avg. Length			515.0		580.0	551.8		584.7	551.7			
	Std. Error					1.8		3.4	5.1		6.6		
	Sample Size			1		1	254	103	46		30		
<b>Statistical Weeks 36 - 39 (August 31 - Sept. 27)</b>													
Male	Avg. Length					570.3		613.6	615.0		631.7		
	Std. Error					7.1		14.2			13.6		
	Sample Size					16		7	1		3		
Female	Avg. Length					542.4		575.0	522.5		591.7		
	Std. Error					7.2		10.9	19.3		15.9		
	Sample Size					19		9	4		3		
All Fish	Avg. Length					555.1		591.9	541.0		611.7		
	Std. Error					5.6		9.8	23.8		13.0		
	Sample Size					35		16	5		6		
<b>Combined Periods (Unweighted)</b>													
Male	Avg. Length	483.3	368.8	560.0	534.1	410.0	591.7	553.0	670.0	609.9			
	Std. Error	73.4	21.6		2.6		1.5	3.3		3.1			
	Sample Size	3	4	1	356	1	554	190	1	155			
Female	Avg. Length	515.0	385.0	554.7	529.7	413.3	573.3	538.1	575.0	581.2			
	Std. Error		10.0	19.2	1.3	24.6	1.1	2.5		3.1			
	Sample Size	1	2	9	639	3	814	164	1	118	1		
All Fish	Avg. Length	491.3	374.2	555.2	531.3	412.5	580.7	546.1	622.5	597.4			
	Std. Error	52.5	14.3	17.1	1.3	17.4	0.9	2.1	47.5	2.4			
	Sample Size	4	6	10	995	4	1368	354	2	274	1		

**Appendix Table 27.** Age composition of the District 105 seine catch of sockeye salmon by sex, age class and fishing period, 1986.

	Brood Year and Age Class				
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Statistical Weeks</b>	32	-	35	(August 3 - 30)	
<b>Male</b>					
Sample Number	5	3	5	2	15
Percent	11.4	6.8	11.4	4.5	34.1
Std. Error	4.8	3.8	4.8	3.2	7.2
Number	49	30	49	20	148
<b>Female</b>					
Sample Number	7	13	5	4	29
Percent	15.9	29.5	11.4	9.1	65.9
Std. Error	5.6	7.0	4.8	4.4	7.2
Number	69	129	49	40	287
<b>All Fish</b>					
Sample Number	12	16	10	6	44
Percent	27.3	36.4	22.7	13.6	100.0
Std. Error	6.8	7.3	6.4	5.2	
Number	118	159	98	60	435

**Appendix Table 28. Length composition of the District 105 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.**

Brood Year and Age Class						
		1982		1981		1980
		-----	-----	-----	-----	-----
<b>Statistical Weeks 33 - 35 (August 10 - 30)</b>						
<b>Male</b>	Avg. Length	557.0	593.3	571.0	595.0	
	Std. Error	7.0	6.7	11.6	10.0	
	Sample Size	5	3	5	2	
<b>Female</b>	Avg. Length	531.4	584.6	519.0	605.0	
	Std. Error	9.2	4.6	16.7	13.1	
	Sample Size	7	13	5	4	
<b>All Fish</b>	Avg. Length	542.1	586.3	545.0	601.7	
	Std. Error	7.0	4.0	12.9	8.9	
	Sample Size	12	16	10	6	

Appendix Table 29. Age composition of the District 106 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class								
	1983		1982		1981		1980		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.2	Total
Statistical Weeks	32	-	35	(August 3 - 30)					
Male									
Sample Number	8	85	16	71	72	1	32		285
Percent	1.3	13.6	2.6	11.4	11.5	0.2	5.1		45.7
Std. Error	0.5	1.4	0.6	1.3	1.3	0.2	0.9		2.0
Number	20	210	40	175	178	2	79		704
Female									
Sample Number	1	122	1	111	71	1	31	1	339
Percent	0.2	19.6	0.2	17.8	11.4	0.2	5.0	0.2	54.3
Std. Error	0.2	1.6	0.2	1.5	1.3	0.2	0.9	0.2	2.0
Number	2	303	2	274	175	2	77	2	837
All Fish									
Sample Number	9	207	17	182	143	2	63	1	624
Percent	1.4	33.2	2.7	29.2	22.9	0.3	10.1	0.2	100.0
Std. Error	0.5	1.9	0.7	1.8	1.7	0.2	1.2	0.2	
Number	22	513	42	449	353	4	156	2	1541

Appendix Table 30. Length composition of the District 106 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class							
		1983	1982		1981		1980
		1.1	1.2	2.1	1.3	2.2	2.3
Statistical Weeks	33 - 35	(August 10 - 30)					
Male	Avg. Length	370.0	493.9	392.9	596.8	526.0	600.4
	Std. Error	6.1	10.5	16.8	6.0	8.6	10.6
	Sample Size	4	35	7	28	34	14
Female	Avg. Length		516.6		587.9	518.4	591.7
	Std. Error		3.8		3.5	5.3	20.2
	Sample Size		44		38	25	6
All Fish	Avg. Length	370.0	506.5	392.9	591.7	522.8	597.8
	Std. Error	6.1	5.2	16.8	3.3	5.4	9.3
	Sample Size	4	79	7	66	59	20

Appendix Table 31. Age composition of the District 107 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class						
	1983	1982		1981		1980	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Statistical Week	33	(August 10 - 16)					
Male							
Sample Number	13	16	10	48	27	22	136
Percent	4.3	5.4	3.3	16.1	9.0	7.4	45.5
Std. Error	1.2	1.3	1.0	2.1	1.7	1.5	2.9
Number	55	68	43	205	115	94	580
Female							
Sample Number		23		80	28	32	163
Percent		7.7		26.8	9.4	10.7	54.5
Std. Error		1.5		2.6	1.7	1.8	2.9
Number		98		342	119	137	696
All Fish							
Sample Number	13	39	10	128	55	54	299
Percent	4.3	13.0	3.3	42.8	18.4	18.1	100.0
Std. Error	1.2	2.0	1.0	2.9	2.2	2.2	
Number	55	166	43	547	234	231	1276

Appendix Table 32. Length composition of the District 107 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
		1983	1982		1981	1980
		1.1	1.2	2.1	1.3	2.2
Statistical Week	33	(August 10 - 16)				
Male	Avg. Length	347.5	474.5	371.7	593.9	513.0
	Std. Error	6.2	16.2	3.6	5.1	11.7
	Sample Size	8	10	6	38	23
Female	Avg. Length		508.2		584.1	536.0
	Std. Error		6.0		3.0	7.2
	Sample Size		14		64	21
All Fish	Avg. Length	347.5	494.2	371.7	587.7	524.0
	Std. Error	6.2	8.2	3.6	2.7	7.2
	Sample Size	8	24	6	102	44
						46

Appendix Table 33. Age composition of the District 109 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class								
	1982			1981			1980	
	0.3	1.2	2.1	1.3	2.2	2.3	Total	
Statistical Weeks	32	-	33	(August 3 - 16)				
Male								
Sample Number	1	17	1	45	7	8	79	
Percent	0.5	8.7	0.5	23.0	3.6	4.1	40.3	
Std. Error	0.5	2.0	0.5	3.0	1.3	1.4	3.5	
Number	10	174	10	462	72	82	810	
Female								
Sample Number	2	31		64	9	11	117	
Percent	1.0	15.8		32.7	4.6	5.6	59.7	
Std. Error	0.7	2.6		3.4	1.5	1.6	3.5	
Number	21	318		656	92	113	1200	
All Fish								
Sample Number	3	48	1	109	16	19	196	
Percent	1.5	24.5	0.5	55.6	8.2	9.7	100.0	
Std. Error	0.9	3.1	0.5	3.6	2.0	2.1		
Number	31	492	10	1118	164	195	2010	

Appendix Table 34. Length composition of the District 109 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
		1982		1981		1980
		0.3	1.2	1.3	2.2	2.3
<b>Statistical Weeks 32 - 33 (August 3 - 16)</b>						
Male	Avg. Length	575.0	463.0	573.2	620.0	570.0
	Std. Error		13.1	3.7		20.5
	Sample Size	1	5	22	1	4
Female	Avg. Length		480.0	540.2	477.5	568.8
	Std. Error		11.7	4.2	7.5	8.3
	Sample Size		8	32	2	4
All Fish	Avg. Length	575.0	473.5	553.6	525.0	569.4
	Std. Error		8.8	3.7	47.7	10.2
	Sample Size	1	13	54	3	8

Appendix Table 35. Age composition of the District 112 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class										
	1983		1982		1981		1980			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Statistical Weeks	27	-	31	(June 29 - August 2)						
Male										
Sample Number			2	63	58	5		8		136
Percent			0.9	27.8	25.6	2.2		3.5		59.9
Std. Error			0.6	3.0	2.9	1.0		1.2		3.3
Number			29	901	830	72		114		1946
Female										
Sample Number	1		7	42	32	6		3		91
Percent	0.4		3.1	18.5	14.1	2.6		1.3		40.1
Std. Error	0.4		1.1	2.6	2.3	1.1		0.8		3.3
Number	14		100	601	458	86		43		1302
All Fish										
Sample Number	1		9	105	90	11		11		227
Percent	0.4		4.0	46.3	39.6	4.8		4.8		100.0
Std. Error	0.4		1.3	3.3	3.3	1.4		1.4		
Number	14		129	1502	1288	158		157		3248
Statistical Week	32	(August 3 - 9)								
Male										
Sample Number		1	7	14	14	10		12		58
Percent		0.6	4.4	8.8	8.8	6.3		7.5		36.5
Std. Error		0.6	1.6	2.3	2.3	1.9		2.1		3.8
Number		10	70	139	140	100		120		579
Female										
Sample Number			7	17	29	21		24	3	101
Percent			4.4	10.7	18.2	13.2		15.1	1.9	63.5
Std. Error			1.6	2.5	3.1	2.7		2.8	1.1	3.8
Number			70	170	289	210		240	30	1009
All Fish										
Sample Number	1	14	31	43	31		36	3		159
Percent	0.6	8.8	19.5	27.0	19.5		22.6	1.9		100.0
Std. Error	0.6	2.3	3.2	3.5	3.2		3.3	1.1		
Number	10	140	310	428	310		360	30		1588
Statistical Weeks	33	-	35	(August 10 - 30)						
Male										
Sample Number	3		18	23	71	28	3	55		201
Percent	0.8		4.9	6.3	19.3	7.6	0.8	14.9		54.6
Std. Error	0.5		1.1	1.3	2.1	1.4	0.5	1.9		2.6
Number	29		173	221	684	269	29	529		1934
Female										
Sample Number	1	13	27	49	23		52	2		167
Percent	0.3	3.5	7.3	13.3	6.3		14.1	0.5		45.4
Std. Error	0.3	1.0	1.4	1.8	1.3		1.8	0.4		2.6
Number	10	125	260	471	221		501	19		1607
All Fish										
Sample Number	3	1	31	50	120	51	3	107	2	368
Percent	0.8	0.3	8.4	13.6	32.6	13.9	0.8	29.1	0.5	100.0
Std. Error	0.5	0.3	1.4	1.8	2.4	1.8	0.5	2.4	0.4	
Number	29	10	298	481	1155	490	29	1030	19	3541
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	3	1	27	100	143	43	3	75		395
Percent	0.3	0.1	3.2	15.1	19.7	5.3	0.3	9.1		53.2
Std. Error	0.2	0.1	0.6	1.3	1.5	0.8	0.2	1.0		1.8
Number	29	10	272	1262	1653	441	29	763		4459
Female										
Sample Number	1	1	27	86	110	50		79	5	359
Percent	0.2	0.1	3.5	12.3	14.6	6.2		9.3	0.6	46.8
Std. Error	0.2	0.1	0.7	1.2	1.3	0.8		1.0	0.3	1.8
Number	14	10	295	1031	1218	517		784	49	3918
All Fish										
Sample Number	4	2	54	186	253	93	3	154	5	754
Percent	0.5	0.2	6.8	27.4	34.3	11.4	0.3	18.5	0.6	100.0
Std. Error	0.3	0.2	0.9	1.6	1.8	1.1	0.2	1.3	0.3	
Number	43	20	567	2293	2871	958	29	1547	49	8377

Appendix Table 36. Length composition of the District 112 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class							
		1983		1982		1981		1980	
		0.2	0.3	1.2	1.3	2.2	2.3	3.2	
<b>Statistical Weeks</b>		<b>27 - 31 (June 29 - August 2)</b>							
Male	Avg. Length	590.0	494.7	578.3	503.3	583.8			
	Std. Error	5.0	5.9	3.7	37.6	12.6			
	Sample Size	2	51	41	3	4			
Female	Avg. Length	430.0	558.3	499.4	566.7	510.0	585.0		
	Std. Error	11.5	5.8	4.7	11.0				
	Sample Size	6	32	24	6		2		
All Fish	Avg. Length	430.0	566.3	496.5	574.0	507.8	584.2		
	Std. Error	9.9	4.3	3.0	13.0	8.0			
	Sample Size	1	8	83	65	9	6		
<b>Statistical Week</b>		<b>32 (August 3 - 9)</b>							
Male	Avg. Length		495.0	600.0	557.5	605.0			
	Std. Error		20.2	5.0	37.5	25.0			
	Sample Size		3	2	2	2			
Female	Avg. Length	542.5	511.7	593.8	560.0	587.9	490.0		
	Std. Error	12.5	13.6	4.3	3.5	7.3			
	Sample Size	2	3	4	4	7	1		
All Fish	Avg. Length	542.5	503.3	595.8	559.2	591.7	490.0		
	Std. Error	12.5	11.5	3.3	10.0	7.4			
	Sample Size	2	6	6	6	9	1		
<b>Statistical Weeks</b>		<b>33 - 35 (August 10 - 30)</b>							
Male	Avg. Length	448.3	601.9	478.3	577.7	526.7	608.2		
	Std. Error	7.3	4.7	8.3	8.4	21.7	5.5		
	Sample Size	3	8	3	19	6	22		
Female	Avg. Length		580.0	544.5	579.3	517.5	587.5	475.0	
	Std. Error		17.7	4.0	17.5	2	8.4		
	Sample Size		1	4	15	2	12	1	
All Fish	Avg. Length	448.3	599.4	516.1	578.4	524.4	600.9	475.0	
	Std. Error	7.3	4.8	16.7	4.9	16.3	4.9		
	Sample Size	3	9	7	34	8	34	1	
<b>Combined Periods (Unweighted)</b>									
Male	Avg. Length	448.3	599.5	493.9	578.8	525.9	604.5		
	Std. Error	7.3	4.1	5.4	3.5	16.2	5.0		
	Sample Size	3	10	57	62	11	28		
Female	Avg. Length	430.0	557.2	505.0	573.6	527.9	587.4	482.5	
	Std. Error	8.5	5.6	3.2	9.0	5.2	7.5		
	Sample Size	1	9	39	43	12	21	2	
All Fish	Avg. Length	443.8	579.5	498.4	576.7	527.0	597.1	482.5	
	Std. Error	6.9	6.7	4.0	2.5	8.9	3.8	7.5	
	Sample Size	4	19	96	105	23	49	2	

**Appendix Table 37. Age composition of the District 113 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.**

	Brood Year and Age Class								
	1983		1982		1981		1980		1979
	1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
Statistical Weeks	30	-	35	(July 20 - August 30)					
<b>Male</b>									
Sample Number	2	10	1	7	29	9		1	59
Percent	1.5	7.5	0.7	5.2	21.6	6.7		0.7	44.0
Std. Error	1.1	2.3	0.7	1.9	3.6	2.2		0.7	4.3
Number	28	140	14	98	406	126		14	826
<b>Female</b>									
Sample Number		11		15	26	14	7	2	75
Percent		8.2		11.2	19.4	10.4	5.2	1.5	56.0
Std. Error		2.4		2.7	3.4	2.7	1.9	1.1	4.3
Number		154		210	364	196	98	28	1050
<b>All Fish 1/</b>									
Sample Number	3	28	4	37	70	36	7	3	188
Percent	1.6	14.9	2.1	19.7	37.2	19.1	3.7	1.6	100.0
Std. Error	0.9	2.6	1.1	2.9	3.5	2.9	1.4	0.9	
Number	42	392	56	518	981	504	98	42	2633

1/ Includes unsexed fish totals.

Appendix Table 38. Length composition of the District 113 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
		1982	1981	1980	1979	
		1.2	1.3	2.2	2.3	3.3
<b>Statistical Weeks 30 - 35 (July 20 - August 30)</b>						
<b>Male</b>	Avg. Length	446.7	565.8	526.2	564.3	590.0
	Std. Error	20.3	6.8	5.3	13.4	
	Sample Size	6	6	29	7	1
<b>Female</b>	Avg. Length	498.0	550.8	510.0	555.8	521.4
	Std. Error	6.0	10.0	6.4	8.5	9.0
	Sample Size	5	12	22	13	7
<b>All Fish</b>	1/Avg. Length	470.0	554.3	518.7	560.0	521.4
	Std. Error	13.6	6.3	4.1	6.8	9.0
	Sample Size	11	22	53	21	7
						3

1/ Includes unsexed fish totals.

Appendix Table 39. Age composition of the District 113-34 (Necker Bay) seine catch of sockeye salmon by age class and fishing period, 1986. 1/

Brood Year and Age Class									
	1983	1982		1981		1980			
		1.1	1.2	2.1	2.2	3.1	2.3	3.2	Total
Statistical Week	30	(July 20 - 26)							
All Fish									
Sample Number		1	26	2	218	1	2	9	259
Percent		0.4	10.0	0.8	84.2	0.4	0.8	3.5	100.0
Std. Error		0.4	1.9	0.5	2.3	0.4	0.5	1.1	
Number		16	411	32	3448	16	32	142	4097

1/ Sex determination not made.

Appendix Table 40. Length composition of the District 113-34  
(Necker Bay) seine catch of sockeye salmon  
by age class and fishing period, 1986. 1/

Brood Year and Age Class

1982	1981	1980
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1.2	2.2	3.2

Statistical Week 30 (July 20 - 26)

All Fish	Avg. Length	400.0	421.5	395.0
	Std. Error	10.0	4.6	
	Sample Size	2	24	1

1/ Sex determination not made.

Appendix Table 41. Age composition of the District 114 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class										
	1983		1982		1981		1980		1979		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	Total	
Statistical Weeks	27	-	40	(June 29 - October 4)							
<b>Male</b>											
Sample Number	3	16	85	74	15	2	11	1	207		
Percent	0.7	3.6	19.1	16.6	3.4	0.4	2.5	0.2	46.5		
Std. Error	0.4	0.9	1.9	1.8	0.9	0.3	0.7	0.2	2.4		
Number	10	53	282	245	50	7	36	3	686		
<b>Female</b>											
Sample Number		27	67	103	21	1	18	1	238		
Percent		6.1	15.1	23.1	4.7	0.2	4.0	0.2	53.5		
Std. Error		1.1	1.7	2.0	1.0	0.2	0.9	0.2	2.4		
Number		89	222	342	70	3	60	3	789		
<b>All Fish</b>											
Sample Number	3	43	152	177	36	3	29	1	1	445	
Percent	0.7	9.7	34.2	39.8	8.1	0.7	6.5	0.2	0.2	100.0	
Std. Error	0.4	1.4	2.3	2.3	1.3	0.4	1.2	0.2	0.2		
Number	10	142	504	587	120	10	96	3	3	1475	

Appendix Table 42. Length composition of the District 114 seine catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class							
		1983		1982		1981	
		0.2		0.3		1.2	
Statistical Weeks	27 - 40		(June 29 - October 4)				
Male	Avg. Length	470.0		590.0		496.8	
	Std. Error					9.8	
	Sample Size	1		1		20	
Female	Avg. Length			552.0		478.7	
	Std. Error			6.8		6.4	
	Sample Size			10		23	
All Fish	Avg. Length	470.0		555.5		487.1	
	Std. Error			7.0		5.8	
	Sample Size	1		11		43	
						34	
						8	
						5	
						1	

**Appendix Table 43.** Age composition of the District 106-30 (Clarence Strait) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class							
	1982		1981		1980		
	0.3	1.2	1.3	2.2	1.4	2.3	Total
<b>Statistical Week</b>	24	(June 8 - 14)					
<b>Male</b>							
Sample Number		2	7	2	1	2	14
Percent		6.7	23.3	6.7	3.3	6.7	46.7
Std. Error		4.6	7.9	4.6	3.3	4.6	9.3
<b>Female</b>							
Sample Number		1	12	1		2	16
Percent		3.3	40.0	3.3		6.7	53.3
Std. Error		3.3	9.1	3.3		4.6	9.3
<b>All Fish</b>							
Sample Number		3	19	3	1	4	30
Percent		10.0	63.3	10.0	3.3	13.3	100.0
Std. Error		5.6	8.9	5.6	3.3	6.3	
<b>Statistical Week</b>	27	(June 29 - July 5)					
<b>Male</b>							
Sample Number		1	14	57	12	5	89
Percent		0.7	10.1	41.0	8.6	3.6	64.0
Std. Error		0.7	2.6	4.2	2.4	1.6	4.1
<b>Female</b>							
Sample Number		1	5	32	4	1	7
Percent		0.7	3.6	23.0	2.9	0.7	5.0
Std. Error		0.7	1.6	3.6	1.4	0.7	1.9
<b>All Fish</b>							
Sample Number		2	19	89	16	1	12
Percent		1.4	13.7	64.0	11.5	0.7	8.6
Std. Error		1.0	2.9	4.1	2.7	0.7	2.4
<b>Statistical Week</b>	28	(July 6 - 12)					
<b>Male</b>							
Sample Number		1	48	103	21	2	20
Percent		0.3	15.2	32.6	6.6	0.6	6.3
Std. Error		0.3	2.0	2.6	1.4	0.4	1.4
<b>Female</b>							
Sample Number		15	84	8	2	12	121
Percent		4.7	26.6	2.5	0.6	3.8	38.3
Std. Error		1.2	2.5	0.9	0.4	1.1	2.7
<b>All Fish</b>							
Sample Number		1	63	187	29	4	32
Percent		0.3	19.9	59.2	9.2	1.3	10.1
Std. Error		0.3	2.3	2.8	1.6	0.6	1.7

**Appendix Table 44.** Length composition of the District 106-30 (Clarence Strait) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

		Brood Year and Age Class					
		1982		1981		1980	
		0.3	1.2	1.3	2.2	1.4	2.3
<b>Statistical Week 24 (June 8 - 14)</b>							
Male	Avg. Length		532.5	572.9	505.0	595.0	562.5
	Std. Error		2.5	12.2	25.0		37.5
	Sample Size		2	7	2	1	2
Female	Avg. Length		485.0	569.2	510.0		560.0
	Std. Error			5.7			10.0
	Sample Size		1	12	1		2
All Fish	Avg. Length		516.7	570.5	506.7	595.0	561.3
	Std. Error		15.9	5.6	14.5		15.9
	Sample Size		3	19	3	1	4
<b>Statistical Week 27 (June 29 - July 5)</b>							
Male	Avg. Length	600.0	518.2	579.6	531.7		564.0
	Std. Error		5.8	3.1	5.9		7.5
	Sample Size	1	14	57	12		5
Female	Avg. Length	560.0	521.0	576.7	548.8	590.0	570.7
	Std. Error		7.3	3.8	13.3		5.1
	Sample Size	1	5	32	4	1	7
All Fish	Avg. Length	580.0	518.9	578.5	535.9	590.0	567.9
	Std. Error	20.0	4.6	2.4	5.6		4.2
	Sample Size	2	19	89	16	1	12
<b>Statistical Week 28 (July 6 - 12)</b>							
Male	Avg. Length	580.0	515.8	584.8	534.3	600.0	570.7
	Std. Error		5.7	5.4	6.9		10.8
	Sample Size	1	19	27	7	1	7
Female	Avg. Length		516.3	570.6	567.5		566.3
	Std. Error		9.4	5.1	7.5		5.5
	Sample Size		4	31	2		4
All Fish	Avg. Length	580.0	515.9	577.2	541.7	600.0	569.1
	Std. Error		4.9	3.8	7.3		6.9
	Sample Size	1	23	58	9	1	11
<b>Combined Periods (Unweighted)</b>							
Male	Avg. Length	590.0	517.7	580.6	530.0	597.5	567.1
	Std. Error	10.0	3.9	2.7	4.7	2.5	7.0
	Sample Size	2	35	91	21	2	14
Female	Avg. Length	560.0	515.5	573.0	548.6	590.0	567.7
	Std. Error		6.0	2.8	10.3		3.4
	Sample Size	1	10	75	7	1	13
All Fish	Avg. Length	580.0	517.2	577.2	534.6	595.0	567.4
	Std. Error	11.5	3.3	2.0	4.5	2.9	3.9
	Sample Size	3	45	166	28	3	27

**Appendix Table 45.** Age composition of the District 106-41 (Sumner Strait) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class									
	1983	1982	1981			1980	1979		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Statistical Week	24	(June 8 - 14)							
Male									
Sample Number		2	4	1		2			9
Percent		8.7	17.4	4.3		8.7			39.1
Std. Error		6.0	8.1	4.3		6.0			10.4
Female					12		2		14
Sample Number					52.2		8.7		60.9
Percent					10.6		6.0		10.4
All Fish									
Sample Number		2	16	1		4			23
Percent		8.7	69.6	4.3		17.4			100.0
Std. Error		6.0	9.8	4.3		8.1			
Statistical Week	25	(June 15 - 21)							
Male									
Sample Number		4	15	5		1			25
Percent		8.2	30.6	10.2		2.0			51.0
Std. Error		4.0	6.7	4.4		2.0			7.2
Female					1		2		24
Sample Number		3	17	1		1			49.0
Percent		6.1	34.7	2.0		2.0			7.2
Std. Error		3.5	6.9	2.0		2.9			
All Fish									
Sample Number		7	32	6		1			49
Percent		14.3	65.3	12.2		2.0			100.0
Std. Error		5.1	6.9	4.7		2.0			
Statistical Week	26	(June 22 - 28)							
Male									
Sample Number		8	34	8	1	6	1		58
Percent		9.5	40.5	9.5	1.2	7.1	1.2		69.0
Std. Error		3.2	5.4	3.2	1.2	2.8	1.2		5.1
Female					3		1		26
Sample Number		22		3		1.2			31.0
Percent		26.2		3.6		1.2			5.1
Std. Error		4.8		2.0		1.2			
All Fish									
Sample Number		8	56	11	1	7	1		84
Percent		9.5	66.7	13.1	1.2	8.3	1.2		100.0
Std. Error		3.2	5.2	3.7	1.2	3.0	1.2		
Statistical Week	27	(June 29 - July 5)							
Male									
Sample Number		17	25	6		6			54
Percent		12.9	18.9	4.5		4.5			40.9
Std. Error		2.9	3.4	1.8		1.8			4.3
Female					3		11		78
Sample Number		1	8	52	6	8.3			59.1
Percent		0.8	6.1	39.4	4.5	2.4			4.3
Std. Error		0.8	2.1	4.3	1.8				
All Fish									
Sample Number		1	25	77	12	17			132
Percent		0.8	18.9	58.3	9.1	12.9			100.0
Std. Error		0.8	3.4	4.3	2.5	2.9			
Statistical Week	28	(July 6 - 12)							
Male									
Sample Number		1	20	83	20	17			141
Percent		0.4	7.5	31.2	7.5	6.4			53.0
Std. Error		0.4	1.6	2.8	1.6	1.5			3.1
Female					3		9		125
Sample Number		9	99	8		3.4			47.0
Percent		3.4	37.2	3.0		1.1			3.1
Std. Error		1.1	3.0	1.0					
All Fish									
Sample Number		1	29	182	28	26			266
Percent		0.4	10.9	68.4	10.5	9.8			100.0
Std. Error		0.4	1.9	2.9	1.9	1.8			
Statistical Week	29	(July 13 - 19)							
Male									
Sample Number		1	15	55	7	2	12		92
Percent		0.6	8.4	30.9	3.9	1.1	6.7		51.7
Std. Error		0.6	2.1	3.5	1.5	0.8	1.9		3.8
Female					3		1		86
Sample Number		3	62	3	0.6	9.6			48.3
Percent		1.7	34.8	1.7	0.6	2.2			3.8
Std. Error		1.0	3.6	1.0	0.6				
All Fish									
Sample Number		1	18	117	10	3	29		178
Percent		0.6	10.1	65.7	5.6	1.7	16.3		100.0
Std. Error		0.6	2.3	3.6	1.7	1.0	2.8		

Appendix Table 46. Length composition of the District 106-41 (Sumner Strait) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class							
	1982		1981		1980		1979
	0.3	1.2	1.3	2.2	1.4	2.3	2.4
Statistical Week 24 (June 8 - 14)							
Male	Avg. Length	527.5	583.8	530.0		597.5	
	Std. Error	12.5	16.6			22.5	
	Sample Size	2	4	1		2	
Female	Avg. Length		570.4			552.5	
	Std. Error		4.1			12.5	
	Sample Size		12			2	
All Fish	Avg. Length	527.5	573.8	530.0		575.0	
	Std. Error	12.5	5.0			16.7	
	Sample Size	2	16	1		4	
Statistical Week 25 (June 15 - 21)							
Male	Avg. Length	531.3	589.7	534.0		580.0	
	Std. Error	10.9	6.4	16.8			
	Sample Size	4	15	5		1	
Female	Avg. Length	491.7	561.8	525.0	570.0	575.0	
	Std. Error	31.8	5.3			5.0	
	Sample Size	3	17	1	1	2	
All Fish	Avg. Length	514.3	574.8	532.5	570.0	576.7	
	Std. Error	15.6	4.7	13.8		3.3	
	Sample Size	7	32	6	1	3	
Statistical Week 26 (June 22 - 28)							
Male	Avg. Length	536.3	587.4	535.0	600.0	575.8	635.0
	Std. Error	8.1	4.5	6.8		16.9	
	Sample Size	8	34	8	1	6	1
Female	Avg. Length		571.4	531.7		595.0	
	Std. Error		5.1	13.0			
	Sample Size		22	3		1	
All Fish	Avg. Length	536.3	581.1	534.1	600.0	578.6	635.0
	Std. Error	8.1	3.5	5.8		14.5	
	Sample Size	8	56	11	1	7	1
Statistical Week 27 (June 29 - July 5)							
Male	Avg. Length	517.8	592.5	526.0		580.0	
	Std. Error	7.9	4.3	8.3		10.1	
	Sample Size	16	20	5		6	
Female	Avg. Length	495.0	527.9	568.7	531.7	583.8	
	Std. Error	10.2	3.1	10.1		7.2	
	Sample Size	1	7	50	6	8	
All Fish	Avg. Length	495.0	520.9	575.5	529.1	582.1	
	Std. Error	6.3	2.8	6.4		5.8	
	Sample Size	1	23	70	11	14	
Statistical Week 28 (July 6 - 12)							
Male	Avg. Length	511.4	587.1	521.8		598.8	
	Std. Error	10.1	3.4	6.7		6.6	
	Sample Size	11	45	11		8	
Female	Avg. Length	518.8	568.2	546.3		561.7	
	Std. Error	10.1	2.9	6.3		12.8	
	Sample Size	4	69	4		6	
All Fish	Avg. Length	513.3	575.7	528.3		582.9	
	Std. Error	7.7	2.3	5.8		8.1	
	Sample Size	15	114	15		14	
Statistical Week 29 (July 13 - 19)							
Male	Avg. Length	535.7	586.9	523.8	605.0	587.0	
	Std. Error	6.5	4.2	14.2		6.4	
	Sample Size	7	32	4	1	5	
Female	Avg. Length	535.0	574.3	560.0		582.2	
	Std. Error		4.0			8.4	
	Sample Size	1	41	1		9	
All Fish	Avg. Length	535.6	579.8	531.0	605.0	583.9	
	Std. Error	5.6	3.0	13.2		5.7	
	Sample Size	8	73	5	1	14	
Combined Periods (Unweighted)							
Male	Avg. Length	523.5	588.0	527.8	602.5	587.0	635.0
	Std. Error	4.1	1.9	4.0	2.5	4.9	
	Sample Size	48	150	34	2	28	1
Female	Avg. Length	495.0	518.7	569.4	537.0	570.0	576.1
	Std. Error	8.4	1.6	5.3		4.7	
	Sample Size	1	15	211	15	1	28
All Fish	Avg. Length	495.0	522.4	577.1	530.6	591.7	581.5
	Std. Error	3.7	1.3	3.2	10.9	3.5	635.0
	Sample Size	1	63	361	49	3	56

Appendix Table 47. Age composition of the District 108-30 test gillnet catch of sockeye salmon by sex, age class and fishing period, 1986.

Brood Year and Age Class						
	1982	1981	1980			
	0.3	1.2	1.3	2.2	2.3	Total
Statistical Week	24	(June 8 - 14)				
Male						
Sample Number		1				
Percent		50.0				50.0
Std. Error		50.0				50.0
Female						
Sample Number		1				1
Percent		50.0				50.0
Std. Error		50.0				50.0
All Fish						
Sample Number		1	1			2
Percent	50.0	50.0				100.0
Std. Error	50.0	50.0				
Statistical Week	26	(June 22 - 28)				
Male						
Sample Number			16	2	3	21
Percent			50.0	6.3	9.4	65.6
Std. Error			9.0	4.3	5.2	8.5
Female						
Sample Number		9		2		11
Percent		28.1		6.3		34.4
Std. Error		8.1		4.3		8.5
All Fish						
Sample Number		25	2	5		32
Percent		78.1	6.3	15.6		100.0
Std. Error		7.4	4.3	6.5		
Statistical Week	27	(June 29 - July 5)				
Male						
Sample Number	2	18	1	4		25
Percent	3.4	31.0	1.7	6.9		43.1
Std. Error	2.4	6.1	1.7	3.4		6.6
Female						
Sample Number		28	1	4		33
Percent		48.3	1.7	6.9		56.9
Std. Error		6.6	1.7	3.4		6.6
All Fish						
Sample Number	2	46	2	8		58
Percent	3.4	79.3	3.4	13.8		100.0
Std. Error	2.4	5.4	2.4	4.6		
Statistical Week	28	(July 6 - 12)				
Male						
Sample Number	3	4	2	1		10
Percent	16.7	22.2	11.1	5.6		55.6
Std. Error	9.0	10.1	7.6	5.6		12.1
Female						
Sample Number		7		1		8
Percent		38.9		5.6		44.4
Std. Error		11.8		5.6		12.1
All Fish						
Sample Number	3	11	2	2		18
Percent	16.7	61.1	11.1	11.1		100.0
Std. Error	9.0	11.8	7.6	7.6		
Statistical Week	29	(July 13 - 19)				
Male						
Sample Number	2	10	5	7		24
Percent	4.1	20.4	10.2	14.3		49.0
Std. Error	2.9	5.8	4.4	5.1		7.2
Female						
Sample Number	1	2	12	9		25
Percent	2.0	4.1	24.5	18.4		51.0
Std. Error	2.0	2.9	6.2	5.6		7.2
All Fish						
Sample Number	1	4	22	6	16	49
Percent	2.0	8.2	44.9	12.2	32.7	100.0
Std. Error	2.0	4.0	7.2	4.7	6.8	
Statistical Week	30	(July 20 - 26)				
Male						
Sample Number		8	2			10
Percent		36.4	9.1			45.5
Std. Error		10.5	6.3			10.9
Female						
Sample Number	1	7	3	1		12
Percent	4.5	31.8	13.6	4.5		54.5
Std. Error	4.5	10.2	7.5	4.5		10.9
All Fish						
Sample Number	1	15	5	1		22
Percent	4.5	68.2	22.7	4.5		100.0
Std. Error	4.5	10.2	9.1	4.5		

Appendix Table 48. Length composition of the District 108-30 test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class					
		1982	1981	1980	
		0.3	1.2	1.3	2.2
Statistical Week	24 (June 8 - 14)				
Male	Avg. Length	515.0			
	Std. Error				
	Sample Size	1			
Female	Avg. Length	515.0			
	Std. Error				
	Sample Size	1			
All Fish	Avg. Length	515.0	515.0		
	Std. Error				
	Sample Size	1	1		
Statistical Week	26 (June 22 - 28)				
Male	Avg. Length		597.5	542.5	563.3
	Std. Error		4.2	22.5	11.7
	Sample Size		16	2	3
Female	Avg. Length		574.4		540.0
	Std. Error		6.6		20.0
	Sample Size		9		2
All Fish	Avg. Length		589.2	542.5	554.0
	Std. Error		4.2	22.5	10.7
	Sample Size		25	2	5
Statistical Week	28 (July 6 - 12)				
Male	Avg. Length	513.3	600.0	535.0	600.0
	Std. Error	27.3	7.4	5.0	
	Sample Size	3	4	2	1
Female	Avg. Length		570.0		585.0
	Std. Error		9.2		
	Sample Size		7		1
All Fish	Avg. Length	513.3	580.9	535.0	592.5
	Std. Error	27.3	7.7	5.0	7.5
	Sample Size	3	11	2	2
Statistical Week	29 (July 13 - 19)				
Male	Avg. Length	545.0	575.0	540.0	552.5
	Std. Error			20.0	12.5
	Sample Size	1	3	2	2
Female	Avg. Length	540.0	566.7		572.5
	Std. Error		6.0		6.0
	Sample Size	1	3		4
All Fish	Avg. Length	542.5	570.8	540.0	565.8
	Std. Error	2.5	3.3	20.0	6.5
	Sample Size	2	6	2	6
Statistical Week	30 (July 20 - 26)				
Male	Avg. Length		590.0	570.0	
	Std. Error		11.3	40.0	
	Sample Size		8	2	
Female	Avg. Length	540.0	592.1	535.0	590.0
	Std. Error		16.0	13.2	
	Sample Size	1	7	3	1
All Fish	Avg. Length	540.0	591.0	549.0	590.0
	Std. Error		9.2	16.9	
	Sample Size	1	15	5	1
Combined Periods (Unweighted)					
Male	Avg. Length	520.0	593.7	546.9	565.8
	Std. Error	16.2	3.8	10.8	9.4
	Sample Size	5	31	8	6
Female	Avg. Length	515.0	540.0	577.1	535.0
	Std. Error	<0.1	5.5	13.2	8.1
	Sample Size	1	2	26	3
All Fish	Avg. Length	515.0	525.7	586.1	543.6
	Std. Error	11.8	3.4	8.5	5.9
	Sample Size	1	7	57	11

**Appendix Table 49. Age composition of the District 108-50 test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.**

Brood Year and Age Class								
	1983		1982		1981		1980	
	0.2	1.1	0.3	1.2	1.3	2.2	2.3	Total
<b>Statistical Weeks</b>	24	and	26	(June 8 - 28)		1/		
<b>Male</b>								
Sample Number					32	1	3	36
Percent					56.1	1.8	5.3	63.2
Std. Error					6.6	1.8	3.0	6.4
<b>Female</b>								
Sample Number					17		4	21
Percent					29.8		7.0	36.8
Std. Error					6.1		3.4	6.4
<b>All Fish</b>								
Sample Number					49	1	7	57
Percent					86.0	1.8	12.3	100.0
Std. Error					4.6	1.8	4.4	
<b>Statistical Week</b>	27	(June 29 - July 5)						
<b>Male</b>								
Sample Number					1	36	1	38
Percent					1.3	47.4	1.3	50.0
Std. Error					1.3	5.8	1.3	5.8
<b>Female</b>								
Sample Number					3	33	2	38
Percent					3.9	43.4	2.6	50.0
Std. Error					2.2	5.7	1.8	5.8
<b>All Fish</b>								
Sample Number					4	69	3	76
Percent					5.3	90.8	3.9	100.0
Std. Error					2.6	3.3	2.2	
<b>Statistical Week</b>	28	(July 6 - 12)						
<b>Male</b>								
Sample Number					1	2	54	60
Percent					1.0	2.0	53.5	59.4
Std. Error					1.0	1.4	5.0	4.9
<b>Female</b>								
Sample Number					1	2	32	41
Percent					1.0	2.0	31.7	40.6
Std. Error					1.0	1.4	4.7	4.9
<b>All Fish</b>								
Sample Number					1	3	86	101
Percent					1.0	3.0	85.1	100.0
Std. Error					1.0	1.4	3.6	2.7
<b>Statistical Week</b>	29	(July 13 - 19)						
<b>Male</b>								
Sample Number					2	4	63	73
Percent					1.3	2.5	39.4	45.6
Std. Error					0.9	1.2	3.9	4.0
<b>Female</b>								
Sample Number					2	6	73	87
Percent					1.3	3.8	45.6	54.4
Std. Error					0.9	1.5	4.0	4.0
<b>All Fish</b>								
Sample Number					4	10	136	160
Percent					2.5	6.3	85.0	100.0
Std. Error					1.2	1.9	2.8	1.8
<b>Statistical Week</b>	30	(July 20 - 26)						
<b>Male</b>								
Sample Number					1	1	15	18
Percent					2.0	2.0	29.4	35.3
Std. Error					2.0	2.0	6.4	6.8
<b>Female</b>								
Sample Number					3	2	27	33
Percent					5.9	3.9	52.9	64.7
Std. Error					3.3	2.7	7.1	6.8
<b>All Fish</b>								
Sample Number					1	3	42	51
Percent					2.0	5.9	82.4	100.0
Std. Error					2.0	3.3	5.4	

1/ Includes 1 fish (male aged 1.3) from statistical week 24.

Appendix Table 50. Length composition of the District 108-50 test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
	1983		1982		1981	
	0.2	0.3	1.2	1.3	2.2	2.3
Statistical Weeks 24 and 26	(June 8 - 28)			1/		
Male	Avg. Length			589.7	545.0	598.3
	Std. Error			4.7		10.1
	Sample Size			31	1	3
Female	Avg. Length			582.0		583.8
	Std. Error			4.7		5.2
	Sample Size			15		4
All Fish	Avg. Length			587.2	545.0	590.0
	Std. Error			3.6		5.6
	Sample Size			46	1	7
Statistical Week 28	(July 6 - 12)					
Male	Avg. Length	555.0		601.9		610.0
	Std. Error			2.9		10.0
	Sample Size	1		32		2
Female	Avg. Length			592.9	535.0	600.0
	Std. Error			4.4		5.0
	Sample Size			14	1	2
All Fish	Avg. Length	555.0		599.1	535.0	605.0
	Std. Error			2.5		5.4
	Sample Size	1		46	1	4
Statistical Week 29	(July 13 - 19)					
Male	Avg. Length	600.0	528.8	595.2	525.0	608.3
	Std. Error	15.0	25.9	3.5		11.7
	Sample Size	2	4	63	1	3
Female	Avg. Length	585.0	519.2	576.6		577.5
	Std. Error	5.0	17.0	2.6		5.0
	Sample Size	2	6	73		6
All Fish	Avg. Length	592.5	523.0	585.3	525.0	587.8
	Std. Error	7.8	13.7	2.3		6.9
	Sample Size	4	10	136	1	9
Statistical Week 30	(July 20 - 26)					
Male	Avg. Length	540.0		610.0	600.0	540.0
	Std. Error				6.3	
	Sample Size	1		1	15	1
Female	Avg. Length	563.3	535.0	583.3		575.0
	Std. Error	6.0	10.0	2.9		
	Sample Size	3	2	27		1
All Fish	Avg. Length	540.0	563.3	560.0	589.3	540.0
	Std. Error	6.0	25.7	3.2		575.0
	Sample Size	1	3	42	1	1
Combined Periods (Unweighted)						
Male	Avg. Length	540.0	585.0	545.0	596.0	536.7
	Std. Error		17.3	25.8	2.1	6.0
	Sample Size	1	3	5	141	3
Female	Avg. Length		572.0	523.1	580.4	535.0
	Std. Error		6.4	12.8	1.8	
	Sample Size		5	8	129	1
All Fish	Avg. Length	540.0	576.9	531.5	588.6	536.3
	Std. Error		7.3	12.4	1.5	
	Sample Size	1	8	13	270	4

1/ Includes one fish (male aged 1.3) from statistical week 24.

Appendix Table 51. Age composition of the District 108-70 (Canadian Stikine inriver) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986.

	Brood Year and Age Class						
	1983	1982	1981	1980			
	0.2	0.3	1.2	1.3	2.2	2.3	
Statistical Week	27	(June 29 - July 5)					
Male							
Sample Number			6		1	7	
Percent			60.0		10.0	70.0	
Std. Error			16.3		10.0	15.3	
Number			6		1	7	
Female							
Sample Number			3			3	
Percent			30.0			30.0	
Std. Error			15.3			15.3	
Number			3			3	
All Fish							
Sample Number		9		1		10	
Percent		90.0		10.0		100.0	
Std. Error		10.0		10.0			
Number		9		1		10	
Statistical Week	28	(July 6 - 12)					
Male							
Sample Number	6	19		1		26	
Percent	10.7	33.9		1.8		46.4	
Std. Error	4.2	6.4		1.8		6.7	
Number	6	19		1		26	
Female							
Sample Number	2	27		1		30	
Percent	3.6	48.2		1.8		53.6	
Std. Error	2.5	6.7		1.8		6.7	
Number	2	27		1		30	
All Fish							
Sample Number	8	46		2		56	
Percent	14.3	82.1		3.6		100.0	
Std. Error	4.7	5.2		2.5			
Number	8	46		2		56	
Statistical Week	29	(July 13 - 19)					
Male							
Sample Number	1	4	24	1	1	31	
Percent	1.8	7.3	43.6	1.8	1.8	56.4	
Std. Error	1.8	3.5	6.7	1.8	1.8	6.7	
Number	1	5	28	1	1	36	
Female							
Sample Number		1	23			24	
Percent		1.8	41.8			43.6	
Std. Error		1.8	6.7			6.7	
Number		1	27			28	
All Fish							
Sample Number	1	5	47	1	1	55	
Percent	1.8	9.1	85.5	1.8	1.8	100.0	
Std. Error	1.8	3.9	4.8	1.8	1.8		
Number	1	6	55	1	1	64	
Statistical Week	30	(July 20 - 26)					
Male							
Sample Number		3	24	2		29	
Percent		4.9	39.3	3.3		47.5	
Std. Error		2.8	6.3	2.3		6.4	
Number		3	26	2		31	
Female							
Sample Number			30	2		32	
Percent			49.2	3.3		52.5	
Std. Error			6.5	2.3		6.4	
Number			32	2		34	
All Fish							
Sample Number		3	54	4		61	
Percent		4.9	88.5	6.6		100.0	
Std. Error		2.8	4.1	3.2			
Number		3	58	4		65	

-Continued-

Appendix Table 51. Age composition of the District 108-70 (Canadian Stikine inniver) test gillnet catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class							
	1983	1982	1981	1980			
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Statistical Week	31	(July 27 - August 2)					
Male							
Sample Number		1	7	29	1	2	40
Percent		1.1	7.5	31.2	1.1	2.2	43.0
Std. Error		1.1	2.8	4.8	1.1	1.5	5.2
Number		1	7	30	1	2	41
Female							
Sample Number		1	1	4	3	3	53
Percent		1.1	1.1	4.3	44.1	3.2	57.0
Std. Error		1.1	1.1	2.1	5.2	1.8	5.2
Number		1	1	4	42	3	54
All Fish							
Sample Number		1	2	11	70	4	93
Percent		1.1	2.2	11.8	75.3	4.3	100.0
Std. Error		1.1	1.5	3.4	4.5	2.1	5.4
Number		1	2	11	72	4	95
Statistical Week	32	(August 3 - 9)					
Male							
Sample Number		2	3	22	1	28	
Percent		3.2	4.8	35.5	1.6	45.2	
Std. Error		2.3	2.7	6.1	1.6	6.4	
Number		2	3	24	1	30	
Female							
Sample Number		1	4	27	2	34	
Percent		1.6	6.5	43.5	3.2	54.8	
Std. Error		1.6	3.1	6.3	2.3	6.4	
Number		1	4	29	2	36	
All Fish							
Sample Number		3	7	49	3	62	
Percent		4.8	11.3	79.0	4.8	100.0	
Std. Error		2.7	4.1	5.2	2.7		
Number		3	7	53	3	66	
Statistical Weeks	33 - 34	(August 10 - 23)					
Male							
Sample Number			1	6	1	8	
Percent			3.8	23.1	3.8	30.8	
Std. Error			3.8	8.4	3.8	9.2	
Number			2	16	2	20	
Female							
Sample Number			1	16	1	18	
Percent			3.8	61.5	3.8	69.2	
Std. Error			3.8	9.7	3.8	9.2	
Number			2	40	2	44	
All Fish							
Sample Number			2	22	2	26	
Percent			7.7	84.6	7.7	100.0	
Std. Error			5.3	7.2	5.3		
Number			4	56	4	64	
Combined Periods (Percentages are weighted by period catches)							
Male							
Sample Number		1	3	24	4	7	169
Percent		0.3	0.8	6.3	34.8	2.1	45.3
Std. Error		0.3	0.4	1.3	2.6	0.5	2.7
Number		1	3	26	149	4	191
Female							
Sample Number		1	2	12	5	7	194
Percent		0.2	0.5	3.3	47.3	2.1	54.7
Std. Error		0.2	0.4	1.0	2.7	0.5	2.7
Number		1	2	13	200	5	229
All Fish							
Sample Number		2	5	36	9	14	363
Percent		0.5	1.2	9.7	82.2	4.1	100.0
Std. Error		0.4	0.6	1.6	2.1	0.7	
Number		2	5	39	349	9	420

Appendix Table 52. Length composition of the District 108-70 (Canadian Stikine inriver) test gill net catch of sockeye salmon by sex, age class, and fishing period, 1986.

Brood Year and Age Class						
		1983	1982	1981	1980	
		0.2	0.3	1.2	1.3	2.2
Statistical Week	27	(June 29 - July 5)				
Male	Avg. Length			599.8		592.0
	Std. Error			4.4		
	Sample Size			6		1
Female	Avg. Length			575.3		
	Std. Error			13.2		
	Sample Size			3		
All Fish	Avg. Length			591.7		592.0
	Std. Error			6.3		
	Sample Size			9		1
Statistical Week	28	(July 6 - 12)				
Male	Avg. Length		567.2	600.8		606.0
	Std. Error		30.5	4.8		
	Sample Size		6	19		1
Female	Avg. Length		553.0	567.7		576.0
	Std. Error		53.0	4.6		
	Sample Size		2	27		1
All Fish	Avg. Length		563.6	581.4		591.0
	Std. Error		24.5	4.1		15.0
	Sample Size		8	46		2
Statistical Week	29	(July 13 - 19)				
Male	Avg. Length		582.7	580.0	540.0	589.0
	Std. Error		25.9	9.0		
	Sample Size		3	21	1	1
Female	Avg. Length		590.0	568.4		
	Std. Error			5.8		
	Sample Size		1	22		
All Fish	Avg. Length		584.5	574.1	540.0	589.0
	Std. Error		18.4	5.3		
	Sample Size		4	43	1	1
Statistical Week	30	(July 20 - 26)				
Male	Avg. Length		562.3	588.4	595.0	
	Std. Error		39.5	9.4	26.0	
	Sample Size		3	24		2
Female	Avg. Length			578.5	559.0	
	Std. Error			3.6	31.0	
	Sample Size			30		2
All Fish	Avg. Length		562.3	582.9	577.0	
	Std. Error		39.5	4.6	19.5	
	Sample Size		3	54		4

-Continued-

Appendix Table 52. Length composition of the District 108-70 (Canadian Stikine inriver) test gill net catch of sockeye salmon by sex, age class, and fishing period, 1986 (continued).

Brood Year and Age Class						
		1983	1982	1981	1980	
		0.2	0.3	1.2	1.3	2.3
<b>Statistical Week 31 (July 27 - August 2)</b>						
Male	Avg. Length		568.0	601.0	585.5	605.0
	Std. Error			8.6	8.0	
	Sample Size		1	7	29	1
Female	Avg. Length	597.0	609.0	592.3	574.6	582.0
	Std. Error			4.2	6.0	12.1
	Sample Size	1	1	4	41	3
All Fish	Avg. Length	597.0	588.5	597.8	579.1	587.8
	Std. Error		20.5	5.7	4.8	10.3
	Sample Size	1	2	11	70	4
						5
<b>Statistical Week 32 (August 3 - 9)</b>						
Male	Avg. Length		597.0	596.3	583.7	630.0
	Std. Error		3.0	9.5	10.3	
	Sample Size		2	3	22	1
Female	Avg. Length		586.0	573.3	577.9	535.5
	Std. Error			20.6	4.6	22.5
	Sample Size		1	4	27	2
All Fish	Avg. Length		593.3	583.1	580.5	567.0
	Std. Error		4.1	12.5	5.2	34.1
	Sample Size		3	7	49	3
<b>Statistical Week 33 (August 10 - 16)</b>						
Male	Avg. Length			608.0	597.3	612.0
	Std. Error				8.6	
	Sample Size			1	6	1
Female	Avg. Length			537.0	579.7	547.0
	Std. Error				5.6	
	Sample Size			1	16	1
All Fish	Avg. Length			572.5	584.5	579.5
	Std. Error			35.5	4.9	32.5
	Sample Size			2	22	2
<b>Combined Periods (Unweighted)</b>						
Male	Avg. Length		587.3	584.4	588.3	583.8
	Std. Error		9.8	10.0	3.5	18.2
	Sample Size		3	23	127	4
Female	Avg. Length	597.0	597.5	574.6	574.4	572.8
	Std. Error		11.5	10.6	2.2	13.1
	Sample Size	1	2	12	166	5
All Fish	Avg. Length	597.0	591.4	581.1	580.4	577.7
	Std. Error		7.0	7.5	2.0	10.3
	Sample Size	1	5	35	293	9
						14

Appendix Table 53. Age composition of the Hugh Smith Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

	Brood Year and Age Class									
	1983		1982		1981		1980		1979	Total
	0.2	1.1	1.2	1.3	2.2	1.4	2.3	1.5		
<b>Escapement Dates:</b> (June 9 - July 12)										
<b>Sample Dates:</b> (June 18 - July 12)										
<b>Male</b>										
Sample Number		67		2		5				74
Percent		51.9		1.6		3.9				57.4
Std. Error		4.4		1.1		1.7				4.4
Number		170		5		13				188
<b>Female</b>										
Sample Number		48		6				1		55
Percent		37.2		4.7				0.8		42.6
Std. Error		4.3		1.9				0.8		4.4
Number		121		15				3		139
<b>All Fish</b>										
Sample Number		115		8		5		1		129
Percent		89.1		6.2		3.9		0.8		100.0
Std. Error		2.7		2.1		1.7		0.8		
Number		291		20		13		3		327
<b>Escapement Dates:</b> (July 13 - 19)										
<b>Sample Dates:</b> (July 13 - 19)										
<b>Male</b>										
Sample Number		295		18		24		4		341
Percent		48.2		2.9		3.9		0.7		55.7
Std. Error		2.0		0.7		0.8		0.3		2.0
Number		361		22		29		5		417
<b>Female</b>										
Sample Number		219		38		6		1		271
Percent		35.8		6.2		1.0		0.2		44.3
Std. Error		1.9		1.0		0.4		0.2		2.0
Number		268		47		7		1		332
<b>All Fish</b>										
Sample Number		514		56		30		1		612
Percent		84.0		9.2		4.9		0.2		100.0
Std. Error		1.5		1.2		0.9		0.2		0.5
Number		629		69		36		1		749
<b>Escapement Dates:</b> (July 20 - 26)										
<b>Sample Dates:</b> (July 20 - 26)										
<b>Male</b>										
Sample Number		325		30		33		2		400
Percent		47.1		4.3		4.8		0.3		58.0
Std. Error		1.9		0.8		0.8		0.2		1.9
Number		277		26		28		2		341
<b>Female</b>										
Sample Number		207		45		22		1		290
Percent		30.0		6.5		3.2		0.1		42.0
Std. Error		1.7		0.9		0.7		0.1		1.9
Number		176		38		19		1		247
<b>All Fish</b>										
Sample Number		532		75		55		3		690
Percent		77.1		10.9		8.0		0.4		100.0
Std. Error		1.6		1.2		1.0		0.3		0.7
Number		453		64		47		3		588

-Continued-

Appendix Table 53. Age composition of the Hugh Smith Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class									Total	
	1983		1982		1981		1980		1979		
	0.2	1.1	1.2	1.3	2.2	1.4	2.3	1.5			
<b>Escapement Dates: (July 27-August 10)</b>											
<b>Sample Dates: (July 27-August 10)</b>											
<b>Male</b>											
Sample Number	1	3	57	23	52	2	13	1		152	
Percent	0.3	1.0	18.7	7.5	17.0	0.7	4.3	0.3		49.8	
Std. Error	0.3	0.6	2.2	1.5	2.2	0.5	1.2	0.3		2.9	
Number	1	4	77	31	69	3	17	1		203	
<b>Female</b>											
Sample Number			41	48	32	5	27			153	
Percent			13.4	15.7	10.5	1.6	8.9			50.2	
Std. Error			2.0	2.1	1.8	0.7	1.6			2.9	
Number			55	63	43	7	36			204	
<b>All Fish 1/</b>											
Sample Number	1	3	106	75	85	8	41	1		320	
Percent	0.3	0.9	33.1	23.4	26.6	2.5	12.8	0.3		100.0	
Std. Error	0.3	0.5	2.6	2.4	2.5	0.9	1.9	0.3			
Number	1	4	142	100	113	11	55	1		427	
<b>Escapement Dates: (August 11-October 28)</b>											
<b>Sample Dates: (August 11-October 2)</b>											
<b>Male</b>											
Sample Number				1	8					9	
Percent				6.7	53.3					60.0	
Std. Error				6.7	13.3					13.1	
Number				15	118					133	
<b>Female</b>											
Sample Number					6					6	
Percent					40.0					40.0	
Std. Error					13.1					13.1	
Number					88					88	
<b>All Fish</b>											
Sample Number				1	14					15	
Percent				6.7	93.3					100.0	
Std. Error				6.7	6.7						
Number				15	206					221	
<b>Combined Periods (Percentages are weighted by period escapements)</b>											
<b>Male</b>											
Sample Number	1	3	834	78	126	4	28	1		1174	
Percent	0.1	0.2	38.6	4.3	11.2	0.2	1.3	0.1		55.9	
Std. Error	0.1	0.1	1.1	0.8	1.4	0.1	0.3	0.1		1.7	
Number	1	4	885	99	257	5	30	1		1281	
<b>Female</b>											
Sample Number			568	143	68	8	56			911	
Percent			27.1	7.2	6.9	0.4	2.6			44.1	
Std. Error			1.0	0.6	1.3	0.1	0.4			1.7	
Number			620	163	157	9	61			1010	
<b>All Fish 1/</b>											
Sample Number	1	3	1269	215	189	12	78	1		1934	
Percent	0.1	0.2	65.5	11.6	18.0	0.6	4.0	0.1		100.0	
Std. Error	0.1	0.1	0.9	1.0	0.9	0.2	0.4	0.1			
Number	1	4	1515	268	415	15	93	1		2312	

1/ Includes unsexed fish totals.

Appendix Table 54. Length composition of the Hugh Smith Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

		Brood Year and Age Class								
		1983		1982		1981		1980		1979
		0.2	1.1	1.2	1.3	2.2	1.4	2.3		1.5
<b>Escapement Dates:</b> (June 9-July 12) <b>Sample Dates:</b> (June 18-July 12)										
Male	Avg. Length			512.2	560.0	481.0				
	Std. Error			4.0	20.0	14.5				
	Sample Size			67	2	5				
Female	Avg. Length			539.3	581.7			560.0		
	Std. Error			3.0	7.9				1	
	Sample Size			48	6					
All Fish	Avg. Length			523.5	576.3	481.0		560.0		
	Std. Error			2.9	7.8	14.5				
	Sample Size			115	8	5			1	
<b>Escapement Dates:</b> (July 13-19) <b>Sample Dates:</b> (July 13-19)										
Male	Avg. Length			519.8	559.4	499.8		593.8		
	Std. Error			1.9	10.6	8.1		22.2		
	Sample Size			295	18	24			4	
Female	Avg. Length			535.5	580.3	545.0	620.0	569.3		
	Std. Error			1.6	4.8	9.3		7.2		
	Sample Size			219	38	6	1		7	
All Fish	Avg. Length			526.5	573.6	508.8	620.0	578.2		
	Std. Error			1.3	4.9	7.5		9.3		
	Sample Size			514	56	30	1		11	
<b>Escapement Dates:</b> (July 20-26) <b>Sample Dates:</b> (July 20-26)										
Male	Avg. Length			523.2	570.7	518.8	612.5	576.0		
	Std. Error			2.0	8.9	7.5	27.5	22.6		
	Sample Size			325	30	33	2		10	
Female	Avg. Length			526.0	575.1	521.8	600.0	577.7		
	Std. Error			1.8	5.8	6.7		6.5		
	Sample Size			207	45	22	1		15	
All Fish	Avg. Length			524.3	573.3	520.0	608.3	577.0		
	Std. Error			1.4	4.9	5.2	16.4	9.6		
	Sample Size			532	75	55	3		25	
<b>Escapement Dates:</b> (July 27-August 10) <b>Sample Dates:</b> (July 27-August 10)										
Male	Avg. Length	475.0	425.0	502.7	573.7	504.7	617.5	570.4	630.0	
	Std. Error		57.5	5.3	9.9	5.1	22.5	11.2		
	Sample Size	1	3	57	23	51	2	13	1	
Female	Avg. Length			512.1	566.9	525.6	612.0	570.0		
	Std. Error			4.3	5.0	4.9	9.0	8.2		
	Sample Size			41	48	32	5		27	
All Fish	1/Avg. Length	475.0	425.0	507.9	570.7	512.7	619.4	570.1	630.0	
	Std. Error		57.5	3.5	4.6	3.8	9.0	6.4		
	Sample Size	1	3	106	74	84	8	41	1	
<b>Escapement Dates:</b> (August 11 - October 28) <b>Sample Dates:</b> (August 11 - October 2)										
Male	Avg. Length				575.0	532.5				
	Std. Error					7.3				
	Sample Size				1	8				
Female	Avg. Length					523.3				
	Std. Error					7.5				
	Sample Size					6				
All Fish	Avg. Length				575.0	528.6				
	Std. Error					5.2				
	Sample Size				1	14				
<b>Combined Periods (Unweighted)</b>										
Male	Avg. Length	475.0	425.0	518.8	566.6	508.0	615.0	575.4	630.0	
	Std. Error		57.5	1.2	5.3	3.5	14.6	9.8		
	Sample Size	1	3	834	78	125	4	28	1	
Female	Avg. Length			531.0	574.5	525.9	610.0	572.7		
	Std. Error			1.1	2.8	3.4	5.9	4.5		
	Sample Size			568	143	68	8		56	
All Fish	1/Avg. Length	475.0	425.0	523.3	572.6	514.6	616.7	573.3	630.0	
	Std. Error		57.5	1.0	2.7	2.7	7.0	4.7		
	Sample Size	1	3	1269	214	188	12	78	1	

1/ Includes unsexed fish totals.

Appendix Table 55. Daily sockeye salmon counts and associated statistics from Hugh Smith Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 9	0	0	0.0000	0.0000
June 10	0	0	0.0000	0.0000
June 11	0	0	0.0000	0.0000
June 12	0	0	0.0000	0.0000
June 13	0	0	0.0000	0.0000
June 14	0	0	0.0000	0.0000
June 15	0	0	0.0000	0.0000
June 16	0	0	0.0000	0.0000
June 17	0	0	0.0000	0.0000
June 18	8	8	0.0035	0.0035
June 19	4	12	0.0017	0.0052
June 20	3	15	0.0013	0.0065
June 21	3	18	0.0013	0.0078
June 22	4	22	0.0017	0.0095
June 23	3	25	0.0013	0.0108
June 24	0	25	0.0000	0.0108
June 25	4	29	0.0017	0.0125
June 26	6	35	0.0026	0.0151
June 27	5	40	0.0022	0.0173
June 28	0	40	0.0000	0.0173
June 29	2	42	0.0009	0.0182
June 30	0	42	0.0000	0.0182
July 1	0	42	0.0000	0.0182
July 2	0	42	0.0000	0.0182
July 3	70	112	0.0303	0.0484
July 4	56	168	0.0242	0.0727
July 5	14	182	0.0061	0.0787
July 6	12	194	0.0052	0.0839
July 7	9	203	0.0039	0.0878
July 8	1	204	0.0004	0.0882
July 9	10	214	0.0043	0.0926
July 10	13	227	0.0056	0.0982
July 11	4	231	0.0017	0.0999
July 12	96	327	0.0415	0.1414
July 13	80	407	0.0346	0.1760
July 14	164	571	0.0709	0.2470
July 15	125	696	0.0541	0.3010
July 16	81	777	0.0350	0.3361
July 17	110	887	0.0476	0.3837
July 18	108	995	0.0467	0.4304
July 19	81	1076	0.0350	0.4654
July 20	123	1199	0.0532	0.5186
July 21	92	1291	0.0398	0.5584
July 22	122	1413	0.0528	0.6112
July 23	105	1518	0.0454	0.6566
July 24	52	1570	0.0225	0.6791
July 25	94	1664	0.0407	0.7197
July 26	0	1664	0.0000	0.7197
July 27	40	1704	0.0173	0.7370
July 28	64	1768	0.0277	0.7647
July 29	68	1836	0.0294	0.7941
July 30	37	1873	0.0160	0.8101
July 31	23	1896	0.0099	0.8201
Aug. 1	18	1914	0.0078	0.8279
Aug. 2	30	1944	0.0130	0.8408
Aug. 3	22	1966	0.0095	0.8503
Aug. 4	28	1994	0.0121	0.8625
Aug. 5	28	2022	0.0121	0.8746
Aug. 6	32	2054	0.0138	0.8884
Aug. 7	20	2074	0.0087	0.8971
Aug. 8	12	2086	0.0052	0.9022
Aug. 9	5	2091	0.0022	0.9044
Aug. 10	0	2091	0.0000	0.9044
Aug. 11	6	2097	0.0026	0.9070
Aug. 12	0	2097	0.0000	0.9070
Aug. 13	7	2104	0.0030	0.9100
Aug. 14	5	2109	0.0022	0.9122
Aug. 15	11	2120	0.0048	0.9170
Aug. 16	5	2125	0.0022	0.9191
Aug. 17	5	2130	0.0022	0.9213
Aug. 18	5	2135	0.0022	0.9234
Aug. 19	0	2135	0.0000	0.9234
Aug. 20	2	2137	0.0009	0.9243

-Continued-

Appendix Table 55. Daily sockeye salmon counts and associated statistics from Hugh Smith Lake Weir, 1986 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 21	3	2140	0.0013	0.9256
Aug. 22	5	2145	0.0022	0.9278
Aug. 23	17	2162	0.0074	0.9351
Aug. 24	24	2186	0.0104	0.9455
Aug. 25	29	2215	0.0125	0.9580
Aug. 26	6	2221	0.0026	0.9606
Aug. 27	1	2222	0.0004	0.9611
Aug. 28	3	2225	0.0013	0.9624
Aug. 29	1	2226	0.0004	0.9628
Aug. 30	1	2227	0.0004	0.9632
Aug. 31	0	2227	0.0000	0.9632
Sept. 1	5	2232	0.0022	0.9654
Sept. 2	2	2234	0.0009	0.9663
Sept. 3	0	2234	0.0000	0.9663
Sept. 4	1	2235	0.0004	0.9667
Sept. 5	0	2235	0.0000	0.9667
Sept. 6	0	2235	0.0000	0.9667
Sept. 7	0	2235	0.0000	0.9667
Sept. 8	3	2238	0.0013	0.9680
Sept. 9	2	2240	0.0009	0.9689
Sept. 10	0	2240	0.0000	0.9689
Sept. 11	3	2243	0.0013	0.9702
Sept. 12	1	2244	0.0004	0.9706
Sept. 13	0	2244	0.0000	0.9706
Sept. 14	2	2246	0.0009	0.9715
Sept. 15	1	2247	0.0004	0.9719
Sept. 16	0	2247	0.0000	0.9719
Sept. 17	0	2247	0.0000	0.9719
Sept. 18	0	2247	0.0000	0.9719
Sept. 19	0	2247	0.0000	0.9719
Sept. 20	0	2247	0.0000	0.9719
Sept. 21	0	2247	0.0000	0.9719
Sept. 22	5	2252	0.0022	0.9740
Sept. 23	26	2278	0.0112	0.9853
Sept. 24	4	2282	0.0017	0.9870
Sept. 25	5	2287	0.0022	0.9892
Sept. 26	6	2293	0.0026	0.9918
Sept. 27	2	2295	0.0009	0.9926
Sept. 28	1	2296	0.0004	0.9931
Sept. 29	7	2303	0.0030	0.9961
Sept. 30	1	2304	0.0004	0.9965
Oct. 1	2	2306	0.0009	0.9974
Oct. 2	5	2311	0.0022	0.9996
Oct. 3	1	2312	0.0004	1.0000
Oct. 4	0	2312	0.0000	1.0000
Oct. 5	0	2312	0.0000	1.0000
Oct. 6	0	2312	0.0000	1.0000
Oct. 7	0	2312	0.0000	1.0000
Oct. 8	0	2312	0.0000	1.0000
Oct. 9	0	2312	0.0000	1.0000
Oct. 10	0	2312	0.0000	1.0000
Oct. 11	0	2312	0.0000	1.0000
Oct. 12	0	2312	0.0000	1.0000
Oct. 13	0	2312	0.0000	1.0000
Oct. 14	0	2312	0.0000	1.0000
Oct. 15	0	2312	0.0000	1.0000
Oct. 16	0	2312	0.0000	1.0000
Oct. 17	0	2312	0.0000	1.0000
Oct. 18	0	2312	0.0000	1.0000
Oct. 19	0	2312	0.0000	1.0000
Oct. 20	0	2312	0.0000	1.0000
Oct. 21	0	2312	0.0000	1.0000
Oct. 22	0	2312	0.0000	1.0000
Oct. 23	0	2312	0.0000	1.0000
Oct. 24	0	2312	0.0000	1.0000
Oct. 25	0	2312	0.0000	1.0000
Oct. 26	0	2312	0.0000	1.0000
Oct. 27	0	2312	0.0000	1.0000
Oct. 28	0	2312	0.0000	1.0000

Mean Day of Migration = July 24 Variance = 272.0 Days squared

Appendix Table 56. Age composition of the Leask Lake sockeye salmon escapement by sex and age class, 1986.

	Brood Year and Age Class						
	1982		1981		1980		
	1.2	2.1	1.3	2.2	2.3	3.2	Total
Sample Date:	(September 18)						
<b>Male</b>							
Sample Number	46	2	4	80	13	1	146
Percent	13.6	0.6	1.2	23.7	3.8	0.3	43.2
Std. Error	1.9	0.4	0.6	2.3	1.0	0.3	2.7
<b>Female</b>							
Sample Number	42		35	64	50	1	192
Percent	12.4		10.4	18.9	14.8	0.3	56.8
Std. Error	1.8		1.7	2.1	1.9	0.3	2.7
<b>All Fish 1/</b>							
Sample Number	88	2	40	146	63	2	341
Percent	25.8	0.6	11.7	42.8	18.5	0.6	100.0
Std. Error	2.4	0.4	1.7	2.7	2.1	0.4	

1/ Includes unsexed fish totals.

**Appendix Table 57. Length composition of the Leask Lake escapement of sockeye salmon by sex and age class, 1986.**

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
Sample Date:	(September 18)			
Male	Avg. Length	482.1	486.1	510.0
	Std. Error	9.5	9.5	8.8
	Sample Size	12	27	5
Female	Avg. Length	475.0	492.5	490.0
	Std. Error	9.3	2.5	6.5
	Sample Size	8	2	8
All Fish	Avg. Length	479.3	492.5	487.6
	Std. Error	6.7	2.5	7.4
	Sample Size	20	2	35
				497.7
				4.8
				13

Appendix Table 58. Age composition of McDonald Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
	1982		1981		1980		
	0.3	1.2	2.1	1.3	2.2	2.3	
<b>Sample Dates: (September 25, 26, 30, October 1)</b>						Total	
<b>Male</b>							
Sample Number	1	54	3	124	13	62	257
Percent	0.2	9.7	0.5	22.3	2.3	11.2	46.2
Std. Error	0.2	1.3	0.3	1.8	0.6	1.3	2.1
<b>Female</b>							
Sample Number		11		188	7	93	299
Percent		2.0		33.8	1.3	16.7	53.8
Std. Error		0.6		2.0	0.5	1.6	2.1
<b>All Fish 1/</b>							
Sample Number	1	66	3	317	21	156	564
Percent	0.2	11.7	0.5	56.2	3.7	27.7	100.0
Std. Error	0.2	1.4	0.3	2.1	0.8	1.9	

1/ Includes unsexed fish totals.

**Appendix Table 59. Length composition of the McDonald Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
<b>Sample Dates: (September 25, 26, 30, October 1)</b>					
<b>Male</b>	Avg. Length	461.0	578.8		584.6
	Std. Error	20.1	10.8		5.9
	Sample Size	5	17		23
<b>Female</b>	Avg. Length	497.5	568.2	485.0	578.9
	Std. Error	7.5	3.5		4.8
	Sample Size	2	34	1	18
<b>All Fish</b>	Avg. Length	471.4	571.8	485.0	582.1
	Std. Error	15.5	4.3		3.9
	Sample Size	7	51	1	41

Appendix Table 60. Age composition of the Naha River (Heckman Lake) sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class							
	1982	1982	1981	1981	1980	1980	
	0.3	1.2	1.3	2.2	1.4	2.3	Total
<b>Escapement dates:</b> (June 23 - July 19)							
<b>Sample Dates:</b> (June 26 - July 19)							
<b>Male</b>							
Sample Number		5	27		1		33
Percent		8.2	44.3		1.6		54.1
Std. Error		3.5	6.4		1.6		6.4
Number		46	247		9		302
<b>Female</b>							
Sample Number		7	21				28
Percent		11.5	34.4				45.9
Std. Error		4.1	6.1				6.4
Number		64	192				256
<b>All Fish 1/</b>							
Sample Number	3	37	281	5	11		337
Percent	0.9	11.0	83.4	1.5	3.3		100.0
Std. Error	0.5	1.7	2.0	0.7	1.0		
Number	27	339	2573	46	101		3086
<b>Escapement Dates:</b> (July 20 - 26)							
<b>Sample dates:</b> (July 20 - 26)							
<b>Male</b>							
Sample Number		6	57	2	13		78
Percent		4.1	39.3	1.4	9.0		53.8
Std. Error		1.7	4.1	1.0	2.4		4.2
Number		34	322	11	73		440
<b>Female</b>							
Sample Number		4	52	3	8		67
Percent		2.8	35.9	2.1	5.5		46.2
Std. Error		1.4	4.0	1.2	1.9		4.2
Number		23	293	17	45		378
<b>All Fish</b>							
Sample Number	10	109	5		21		145
Percent	6.9	75.2	3.4		14.5		100.0
Std. Error	2.1	3.6	1.5		2.9		
Number	57	615	28		118		818
<b>Escapement Dates:</b> (July 27 - August 17)							
<b>Sample Dates:</b> (July 27 - August 17)							
<b>Male</b>							
Sample Number		30	106	5	3	11	155
Percent		9.4	33.3	1.6	0.9	3.5	48.7
Std. Error		1.6	2.6	0.7	0.5	1.0	2.8
Number		614	2168	102	61	225	3170
<b>Female</b>							
Sample Number		22	122	3	1	15	163
Percent		6.9	38.4	0.9	0.3	4.7	51.3
Std. Error		1.4	2.7	0.5	0.3	1.2	2.8
Number		450	2495	61	20	307	3334
<b>All Fish 1/</b>							
Sample Number	54	233	9	4	28		328
Percent	16.5	71.0	2.7	1.2	8.5		100.0
Std. Error	2.1	2.5	0.9	0.6	1.5		
Number	1104	4765	184	82	573		6708
<b>Combined Periods (Percentages are weighted by period escapement)</b>							
<b>Male</b>							
Sample Number		41	190	7	3	25	266
Percent		8.8	34.7	1.4	0.8	3.9	49.6
Std. Error		1.5	2.5	0.4	0.3	0.8	2.6
Number		694	2737	113	61	307	3912
<b>Female</b>							
Sample Number		33	195	6	1	23	258
Percent		6.8	37.8	1.0	0.3	4.5	50.4
Std. Error		1.5	2.5	0.4	0.2	0.8	2.6
Number		537	2980	78	20	352	3968
<b>All Fish 1/</b>							
Sample Number	3	101	623	19	4	60	810
Percent	0.3	14.1	74.9	2.4	0.8	7.5	100.0
Std. Error	0.1	1.4	1.7	0.6	0.4	1.0	
Number	27	1500	7953	258	82	792	10612

1/ Includes unsexed fish totals.

Appendix Table 61. Length composition of the Naha River (Heckman Lake) sockeye salmon escapement by sex, age class, and escapement period, 1986.

		Brood Year and Age Class					
		1982		1981		1980	
		0.3	1.2	1.3	2.2	1.4	2.3
<b>Escapement Dates:</b> {June 23 - July 19}							
<b>Sample Dates:</b> {June 26 - July 19}							
Male	Avg. Length	549.0	602.8			660.0	
	Std. Error	15.4	4.1				
	Sample Size	5	27				1
Female	Avg. Length	557.9	590.5				
	Std. Error	22.3	5.1				
	Sample Size	7	21				
All Fish	1/Avg. Length	565.0	558.1	592.9	539.0	598.5	
	Std. Error	25.0	6.9	1.6	14.4	10.8	
	Sample Size	3	37	281	5	11	
<b>Escapement Dates:</b> {July 20 - 26}							
<b>Sample Dates:</b> {July 20 - 26}							
Male	Avg. Length	589.2	610.3	572.5		590.0	
	Std. Error	15.7	3.3	17.5		10.1	
	Sample Size	6	57	2			13
Female	Avg. Length	523.8	591.7	535.0		587.5	
	Std. Error	8.3	3.7	11.5		5.8	
	Sample Size	4	52	3			8
All Fish	Avg. Length	563.0	601.4	550.0		589.0	
	Std. Error	14.3	2.6	12.4		6.5	
	Sample Size	10	109	5			21
<b>Escapement Dates:</b> {July 27 - August 17}							
<b>Sample Dates:</b> {July 27 - August 17}							
Male	Avg. Length	581.8	623.0	558.0	630.0	607.3	
	Std. Error	7.2	2.5	12.1	20.8	14.8	
	Sample Size	30	106	5	3		11
Female	Avg. Length	526.8	597.2	545.0	655.0	607.7	
	Std. Error	5.0	2.1	5.8		7.0	
	Sample Size	22	122	3	1		15
All Fish	Avg. Length	557.5	609.8	565.0	636.3	607.1	
	Std. Error	5.8	1.8	13.7	16.0	7.4	
	Sample Size	54	233	9	4		28
<b>Combined Periods (Unweighted)</b>							
Male	Avg. Length	578.9	616.3	562.1	630.0	600.4	
	Std. Error	6.2	1.9	9.6	20.8	8.7	
	Sample Size	41	190	7	3		25
Female	Avg. Length	533.0	595.0	540.0	655.0	600.7	
	Std. Error	6.0	1.7	6.2		5.3	
	Sample Size	33	195	6	1		23
All Fish	1/Avg. Length	565.0	558.3	600.7	554.2	599.2	
	Std. Error	25.0	4.2	1.1	8.2	4.6	
	Sample Size	3	101	623	19	4	60

1/ Includes unsexed fish totals.

Appendix Table 62. Daily sockeye salmon counts and associated statistics from the Naha River Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 23	0	0	0.0000	0.0000
June 24	0	0	0.0000	0.0000
June 25	0	0	0.0000	0.0000
June 26	21	21	0.0020	0.0020
June 27	4	25	0.0004	0.0024
June 28	1	26	0.0001	0.0025
June 29	1	27	0.0001	0.0025
June 30	6	33	0.0006	0.0031
July 1	1	34	0.0001	0.0032
July 2	0	34	0.0000	0.0032
July 3	19	53	0.0018	0.0050
July 4	34	87	0.0032	0.0082
July 5	62	149	0.0058	0.0140
July 6	43	192	0.0041	0.0181
July 7	64	256	0.0060	0.0241
July 8	111	367	0.0105	0.0346
July 9	99	466	0.0093	0.0439
July 10	250	716	0.0236	0.0675
July 11	286	1002	0.0270	0.0944
July 12	254	1256	0.0239	0.1184
July 13	506	1762	0.0477	0.1660
July 14	133	1895	0.0125	0.1786
July 15	266	2161	0.0251	0.2036
July 16	405	2566	0.0382	0.2418
July 17	344	2910	0.0324	0.2742
July 18	86	2996	0.0081	0.2823
July 19	90	3086	0.0085	0.2908
July 20	75	3161	0.0071	0.2979
July 21	301	3462	0.0284	0.3262
July 22	54	3516	0.0051	0.3313
July 23	44	3560	0.0041	0.3355
July 24	59	3619	0.0056	0.3410
July 25	130	3749	0.0123	0.3533
July 26	155	3904	0.0146	0.3679
July 27	294	4198	0.0277	0.3956
July 28	2964	7162	0.2793	0.6749
July 29	73	7235	0.0069	0.6818
July 30	172	7407	0.0162	0.6980
July 31	249	7656	0.0235	0.7214
Aug. 1	275	7931	0.0259	0.7474
Aug. 2	600	8531	0.0565	0.8039
Aug. 3	511	9042	0.0482	0.8521
Aug. 4	987	10029	0.0930	0.9451
Aug. 5	32	10061	0.0030	0.9481
Aug. 6	106	10167	0.0100	0.9581
Aug. 7	42	10209	0.0040	0.9620
Aug. 8	28	10237	0.0026	0.9647
Aug. 9	28	10265	0.0026	0.9673
Aug. 10	34	10299	0.0032	0.9705
Aug. 11	7	10306	0.0007	0.9712
Aug. 12	13	10319	0.0012	0.9724
Aug. 13	26	10345	0.0025	0.9748
Aug. 14	22	10367	0.0021	0.9769
Aug. 15	18	10385	0.0017	0.9786
Aug. 16	0	10385	0.0000	0.9786
Aug. 17	227	10612	0.0214	1.0000

Mean Day of Migration = July 25 Variance = 88.7 Days squared

**Appendix Table 63. Age composition of the Helm Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1983	1982		1981	
	1.1	1.2	2.1	1.3	2.2
<b>Sample Dates: (September 23-24)</b>					
<b>Male</b>					
Sample Number	29	89	1	28	147
Percent	8.8	27.1	0.3	8.5	44.8
Std. Error	1.6	2.5	0.3	1.5	2.8
<b>Female</b>					
Sample Number		74		100	7
Percent		22.6		30.5	2.1
Std. Error		2.3		2.5	0.8
<b>All Fish</b>					
Sample Number	29	163	1	128	7
Percent	8.8	49.7	0.3	39.0	2.1
Std. Error	1.6	2.8	0.3	2.7	0.8

Appendix Table 64. Length composition of Helm Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
		1983	1982	1981	
		1.1	1.2	2.1	1.3
Male	Avg. Length	338.6	487.5	350.0	542.0
	Std. Error	3.4	7.5		8.0
	Sample Size	21	12	1	5
Female	Avg. Length		474.6		501.9
	Std. Error		4.8		15.8
	Sample Size		26		13
All Fish	Avg. Length	338.6	478.7	350.0	513.1
	Std. Error	3.4	4.1		12.3
	Sample Size	21	38	1	18

**Appendix Table 65. Age composition of the Johnson Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Sample Date:</b> (September 10)					
<b>Male</b>					
Sample Number	2	3	2	1	8
Percent	20.0	30.0	20.0	10.0	80.0
Std. Error	13.3	15.3	13.3	10.0	13.3
<b>Female</b>					
Sample Number		1	1		2
Percent		10.0	10.0		20.0
Std. Error		10.0	10.0		13.3
<b>All Fish</b>					
Sample Number	2	4	3	1	10
Percent	20.0	40.0	30.0	10.0	100.0
Std. Error	13.3	16.3	15.3	10.0	

**Appendix Table 66. Length composition of the Johnson Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
Sample Date:	(September 10)				
Male	Avg. Length	505.0	575.0	527.5	530.0
	Std. Error	5.0	18.0	2.5	
	Sample Size	2	3	2	1
Female	Avg. Length		540.0	510.0	
	Std. Error				
	Sample Size		1	1	
All Fish	Avg. Length	505.0	566.3	521.7	530.0
	Std. Error	5.0	15.5	6.0	
	Sample Size	2	4	3	1

Appendix Table 67. Age composition of Kegan Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
	1983	1982		1981		1980
	1.1	1.2	2.1	1.3	2.2	2.3
<b>Sample Dates: (September 28 - 29)</b>						
<b>Male</b>						
Sample Number	6	47	3	43	8	3
Percent	2.9	22.6	1.4	20.7	3.8	1.4
Std. Error	1.2	2.9	0.8	2.8	1.3	0.8
<b>Female</b>						
Sample Number		29		59	9	1
Percent		13.9		28.4	4.3	0.5
Std. Error		2.4		3.1	1.4	0.5
<b>All Fish</b>						
Sample Number	6	76	3	102	17	4
Percent	2.9	36.5	1.4	49.0	8.2	1.9
Std. Error	1.2	3.3	0.8	3.5	1.9	1.0

Appendix Table 68. Length composition of the Kegan Lake sockeye salmon escapement by sex and age class, 1986.

		Brood Year and Age Class							
		1983		1982		1981		1980	
		1.1	1.2	2.1		1.3	2.2		2.3
<b>Sample Dates: (September 28 - 29)</b>									
<b>Male</b>	Avg. Length	339.2	480.3	343.3	560.5	482.5	535.0		
	Std. Error	4.9	4.9	14.5	3.2	13.7	7.6		
	Sample Size	6	46	3	43	8	3		
<b>Female</b>	Avg. Length		491.7		551.8	486.1	565.0		
	Std. Error		5.7		2.5	5.8			
	Sample Size		29		59	9	1		
<b>All Fish</b>	Avg. Length	339.2	484.7	343.3	555.4	484.4	542.5		
	Std. Error	4.9	3.8	14.5	2.0	6.9	9.2		
	Sample Size	6	75	3	102	17	4		

Appendix Table 69. Age composition of the Karta River sockeye salmon escapement by sex, age class, and escapement period, 1986.

	Brood Year and Age Class						
	1982	1981	1980	1979			Total
	1.2	1.3	2.2	1.4	2.3	2.4	
<b>Escapement Dates:</b> {June 23 - July 12}							
<b>Sample Dates:</b> {June 23 - July 12}							
<b>Male</b>							
Sample Number	6	144	2	1	19		172
Percent	2.6	62.1	0.9	0.4	8.2		74.1
Std. Error	1.0	3.2	0.6	0.4	1.8		2.9
Number	87	2095	29	15	276		2502
<b>Female</b>							
Sample Number	1	55		1	3		60
Percent	0.4	23.7		0.4	1.3		25.9
Std. Error	0.4	2.8		0.4	0.7		2.9
Number	15	799		15	44		873
<b>All Fish 1/</b>							
Sample Number	8	201	2	2	22		235
Percent	3.4	85.5	0.9	0.9	9.4		100.0
Std. Error	1.2	2.3	0.6	0.6	1.9		
Number	116	2924	29	29	320		3418
<b>Escapement Dates:</b> {July 13 - 19}							
<b>Sample Dates:</b> {July 14 - 17}							
<b>Male</b>							
Sample Number	1	69		1	19	1	91
Percent	1.0	69.7		1.0	19.2	1.0	91.9
Std. Error	1.0	4.6		1.0	4.0	1.0	2.8
Number	15	1013		15	279	15	1337
<b>Female</b>							
Sample Number		8					8
Percent		8.1					8.1
Std. Error		2.8					2.8
Number		117					117
<b>All Fish</b>							
Sample Number	1	77		1	19	1	99
Percent	1.0	77.8		1.0	19.2	1.0	100.0
Std. Error	1.0	4.2		1.0	4.0	1.0	
Number	15	1131		15	279	15	1454
<b>Escapement Dates:</b> {July 20 - August 17}							
<b>Sample Dates:</b> {July 20 - August 16}							
<b>Male</b>							
Sample Number	7	38	6	1	19		71
Percent	6.3	33.9	5.4	0.9	17.0		63.4
Std. Error	2.3	4.5	2.1	0.9	3.6		4.6
Number	66	359	57	9	179		670
<b>Female</b>							
Sample Number	4	27	1		8	1	41
Percent	3.6	24.1	0.9		7.1	0.9	36.6
Std. Error	1.8	4.1	0.9		2.4	0.9	4.6
Number	38	255	9		76	9	387
<b>All Fish</b>							
Sample Number	11	65	7	1	27	1	112
Percent	9.8	58.0	6.3	0.9	24.1	0.9	100.0
Std. Error	2.8	4.7	2.3	0.9	4.1	0.9	
Number	104	613	66	9	255	9	1057
<b>Combined Periods (Percentages are weighted by period escapements)</b>							
<b>Male</b>							
Sample Number	14	251	8	3	57	1	334
Percent	2.9	58.9	1.5	0.7	12.5	0.2	76.6
Std. Error	0.8	2.3	0.5	0.4	1.6	0.2	2.0
Number	168	3467	86	39	734	15	4508
<b>Female</b>							
Sample Number	5	90	1	1	11	1	109
Percent	0.9	19.9	0.2	0.2	2.0	0.2	23.4
Std. Error	0.4	1.9	0.2	0.2	0.6	0.2	2.0
Number	53	1171	9	15	120	9	1378
<b>All Fish 1/</b>							
Sample Number	20	343	9	4	68	2	446
Percent	4.0	78.7	1.6	0.9	14.4	0.4	100.0
Std. Error	0.9	1.9	0.5	0.5	1.6	0.3	
Number	235	4668	95	53	854	24	5929

1/ Includes unsexed fish totals.

Appendix Table 70. Length composition of Karta River sockeye salmon escapement by sex, age class, and sample period, 1986.

		Brood Year and Age Class						
		1982		1981		1980		1979
		1.2	1.3	2.2		1.4	2.3	2.4
<b>Escapement Dates:</b> (June 23 - July 12)								
<b>Sample Dates:</b> (June 23 - July 12)								
Male	Avg. Length	539.2	594.0	530.0	605.0	588.2		
	Std. Error	14.0	1.9	15.0		5.2		
	Sample Size	6	144	2	1	19		
Female	Avg. Length	520.0	580.5		610.0	566.7		
	Std. Error		3.0			6.7		
	Sample Size	1	55		1	3		
All Fish	Avg. Length	536.4	590.3	530.0	607.5	585.2		
	Std. Error	12.1	1.7	15.0	2.5	4.8		
	Sample Size	7	199	2	2	22		
<b>Escapement Dates:</b> (July 13 - 19)								
<b>Sample Dates:</b> (July 14 - 17)								
Male	Avg. Length	580.0	603.0		615.0	599.2	630.0	
	Std. Error		2.3			4.6		
	Sample Size	1	69		1	19	1	
Female	Avg. Length		576.9					
	Std. Error		5.6					
	Sample Size		8					
All Fish	Avg. Length	580.0	600.3		615.0	599.2	630.0	
	Std. Error		2.3			4.6		
	Sample Size	1	77		1	19	1	
<b>Escapement Dates:</b> (July 20 - August 17)								
<b>Sample Dates:</b> (July 20 - August 16)								
Male	Avg. Length	570.0	595.1	520.0	610.0	606.8		
	Std. Error	14.2	3.9	16.0		5.5		
	Sample Size	7	37	6	1	19		
Female	Avg. Length	513.8	568.5	530.0		555.6	560.0	
	Std. Error	20.1	3.4			7.8		
	Sample Size	4	27	1		8	1	
All Fish	Avg. Length	549.5	583.9	521.4	610.0	591.7	560.0	
	Std. Error	13.9	3.1	13.6		6.4		
	Sample Size	11	64	7	1	27	1	
<b>Combined Periods (Unweighted)</b>								
Male	Avg. Length	557.5	596.7	522.5	610.0	598.1	630.0	
	Std. Error	9.9	1.4	12.1	2.9	3.1		
	Sample Size	14	250	8	3	57	1	
Female	Avg. Length	515.0	576.6	530.0	610.0	558.6	560.0	
	Std. Error	15.7	2.2			6.0		
	Sample Size	5	90	1	1	11	1	
All Fish	Avg. Length	546.3	591.3	523.3	610.0	591.7	595.0	
	Std. Error	9.3	1.3	10.7	2.0	3.3	35.0	
	Sample Size	19	340	9	4	68	2	

Appendix Table 71. Daily sockeye salmon counts and associated statistics from Karta River Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 23	10	10	0.0017	0.0017
June 24	4	14	0.0007	0.0024
June 25	17	31	0.0029	0.0052
June 26	0	31	0.0000	0.0052
June 27	32	63	0.0054	0.0106
June 28	182	245	0.0307	0.0413
June 29	61	306	0.0103	0.0516
June 30	61	367	0.0103	0.0619
July 1	322	689	0.0543	0.1162
July 2	312	1001	0.0526	0.1688
July 3	315	1316	0.0531	0.2220
July 4	425	1741	0.0717	0.2936
July 5	360	2101	0.0607	0.3544
July 6	172	2273	0.0290	0.3834
July 7	33	2306	0.0056	0.3889
July 8	230	2536	0.0388	0.4277
July 9	122	2658	0.0206	0.4483
July 10	540	3198	0.0911	0.5394
July 11	106	3304	0.0179	0.5573
July 12	114	3418	0.0192	0.5765
July 13	244	3662	0.0412	0.6176
July 14	269	3931	0.0454	0.6630
July 15	104	4035	0.0175	0.6806
July 16	481	4516	0.0811	0.7617
July 17	65	4581	0.0110	0.7726
July 18	121	4702	0.0204	0.7931
July 19	170	4872	0.0287	0.8217
July 20	140	5012	0.0236	0.8453
July 21	22	5034	0.0037	0.8490
July 22	30	5064	0.0051	0.8541
July 23	178	5242	0.0300	0.8841
July 24	60	5302	0.0101	0.8942
July 25	78	5380	0.0132	0.9074
July 26	18	5398	0.0030	0.9104
July 27	9	5407	0.0015	0.9120
July 28	21	5428	0.0035	0.9155
July 29	9	5437	0.0015	0.9170
July 30	18	5455	0.0030	0.9201
July 31	12	5467	0.0020	0.9221
Aug. 1	0	5467	0.0000	0.9221
Aug. 2	9	5476	0.0015	0.9236
Aug. 3	121	5597	0.0204	0.9440
Aug. 4	27	5624	0.0046	0.9486
Aug. 5	94	5718	0.0159	0.9644
Aug. 6	31	5749	0.0052	0.9696
Aug. 7	9	5758	0.0015	0.9712
Aug. 8	18	5776	0.0030	0.9742
Aug. 9	24	5800	0.0040	0.9782
Aug. 10	31	5831	0.0052	0.9835
Aug. 11	33	5864	0.0056	0.9890
Aug. 12	4	5868	0.0007	0.9897
Aug. 13	12	5880	0.0020	0.9917
Aug. 14	14	5894	0.0024	0.9941
Aug. 15	16	5910	0.0027	0.9968
Aug. 16	18	5928	0.0030	0.9998
Aug. 17	1	5929	0.0002	1.0000

Mean Day of Migration = July 12 Variance = 109.4 Days squared

**Appendix Table 72. Age composition of the Hetta Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
	1983	1982	1981	1980		
	1.1	1.2	1.3	2.2	2.3	Total
<b>Sample Dates: (September 8 - 9)</b>						
<b>Male</b>						
Sample Number	3	140	102	3	5	253
Percent	0.7	33.9	24.7	0.7	1.2	61.3
Std. Error	0.4	2.3	2.1	0.4	0.5	2.4
Number	107	4970	3621	107	178	8982
<b>Female</b>						
Sample Number		66	85	6	3	160
Percent		16.0	20.6	1.5	0.7	38.7
Std. Error		1.8	2.0	0.6	0.4	2.4
Number		2343	3018	213	107	5680
<b>All Fish 1/</b>						
Sample Number	3	207	187	9	8	414
Percent	0.7	50.0	45.2	2.2	1.9	100.0
Std. Error	0.4	2.5	2.4	0.7	0.7	
Number	107	7349	6639	320	284	14697

1/ Includes unsexed fish totals.

**Appendix Table 73. Length composition of the Hetta Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1983	1982	1981	1980	
	1.1	1.2	1.3	2.2	2.3
<b>Sample Dates: (September 8 - 9)</b>					
<b>Male</b>	Avg. Length	328.3	483.7	557.1	520.0
	Std. Error	19.2	3.2	1.8	5.8
	Sample Size	3	140	102	3
<b>Female</b>	Avg. Length		508.5	552.3	517.5
	Std. Error		2.6	1.4	11.0
	Sample Size		66	85	6
<b>All Fish</b>	Avg. Length	328.3	491.7	554.9	518.3
	Std. Error	19.2	2.5	1.2	7.3
	Sample Size	3	206	187	9

Appendix Table 74. Age composition of the Klawock Lake sockeye salmon escapement by sex and age class, 1986. 1/

	Brood Year and Age Class							
	1983		1982		1981		1980	
	1.1	1.2	2.1	1.3	2.2	2.3	3.2	Total
Escapement Dates:	(June 28 - September 6)							
Sample Dates:	(August 4 - September 30) 2/							
Male								
Sample Number	2	85	1	142	20	10		260
Percent	0.3	13.4	0.2	22.4	3.2	1.6		41.1
Std. Error	0.2	1.4	0.2	1.7	0.7	0.5		2.0
Number	47	1974	23	3297	464	232		6037
Female								
Sample Number	1	90		242	23	16	1	373
Percent	0.2	14.2		38.2	3.6	2.5	0.2	58.9
Std. Error	0.2	1.4		1.9	0.7	0.6	0.2	2.0
Number	23	2090		5619	534	371	23	8660
All Fish								
Sample Number	3	175	1	384	43	26	1	633
Percent	0.5	27.6	0.2	60.7	6.8	4.1	0.2	100.0
Std. Error	0.3	1.8	0.2	1.9	1.0	0.8	0.2	
Number	70	4064	23	8916	998	603	23	14697

1/ No samples collected until 4 August when 92% of the escapement had passed, meaning these samples may not be representative of the entire escapement.

2/ Samples were recorded as being taken until 30 September even though no escapement counts were recorded after 6 September.

Appendix Table 75. Length composition of the Klawock Lake sockeye salmon escapement by sex, age class, and escapement period, 1986. 1/

Brood Year and Age Class									
		1983		1982		1981		1980	
		1.1	1.2	2.1		1.3	2.2	2.3	3.2
<b>Escapement Dates:</b> (June 28 - September 6)									
<b>Sample Dates:</b> (August 4 - September 30) 2/									
Male	Avg. Length	380.0	517.8	390.0	573.8	495.8	579.0		
	Std. Error	5.0	4.5		2.8	12.8	6.8		
	Sample Size	2	85	1	142	20	10		
Female	Avg. Length	398.0	520.0		556.6	504.9	551.9	510.0	
	Std. Error		4.1		2.4	7.9	8.7		
	Sample Size	1	90		242	23	16		1
All Fish	Avg. Length	386.0	518.9	390.0	563.0	500.6	562.3	510.0	
	Std. Error	6.7	3.0		1.9	7.2	6.4		
	Sample Size	3	175	1	384	43	26		1

1/ No samples collected until 4 August when 92% of the escapement had passed, meaning these samples may not be representative of the entire escapement.

2/ Samples were recorded as being taken until 30 September even though no escapement counts were recorded after 6 September.

**Appendix Table 76.** Age composition of sockeye salmon taken for brood stock from Klawock Lake by sex and age class, 1986.

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Sample Date:</b> (September 18)					
<b>Male</b>					
Sample Number	11	63	6	15	95
Percent	5.7	32.6	3.1	7.8	49.2
Std. Error	1.7	3.4	1.3	1.9	3.6
<b>Female</b>					
Sample Number	8	66	4	20	98
Percent	4.1	34.2	2.1	10.4	50.8
Std. Error	1.4	3.4	1.0	2.2	3.6
<b>All Fish</b>					
Sample Number	19	129	10	35	193
Percent	9.8	66.8	5.2	18.1	100.0
Std. Error	2.2	3.4	1.6	2.8	

**Appendix Table 77. Length composition of sockeye salmon taken for brood stock from Klawock Lake by sex and age class, 1986.**

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
Male	Avg. Length	515.5	591.0	474.2	595.7
	Std. Error	15.0	3.3	26.4	6.6
	Sample Size	11	63	6	15
Female	Avg. Length	505.6	566.3	510.0	567.0
	Std. Error	5.7	3.2	8.9	5.4
	Sample Size	8	66	4	20
All Fish	Avg. Length	511.3	578.3	488.5	579.3
	Std. Error	8.9	2.5	16.7	4.8
	Sample Size	19	129	10	35

Appendix Table 78. Daily sockeye salmon counts and associated statistics from Klawock Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 28	4	4	0.0003	0.0003
June 29	244	248	0.0166	0.0169
June 30	0	248	0.0000	0.0169
July 1	4	252	0.0003	0.0171
July 2	32	284	0.0022	0.0193
July 3	0	284	0.0000	0.0193
July 4	0	284	0.0000	0.0193
July 5	221	505	0.0150	0.0344
July 6	30	535	0.0020	0.0364
July 7	4217	4752	0.2869	0.3233
July 8	1247	5999	0.0848	0.4082
July 9	2196	8195	0.1494	0.5576
July 10	0	8195	0.0000	0.5576
July 11	0	8195	0.0000	0.5576
July 12	62	8257	0.0042	0.5618
July 13	32	8289	0.0022	0.5640
July 14	28	8317	0.0019	0.5659
July 15	5	8322	0.0003	0.5662
July 16	0	8322	0.0000	0.5662
July 17	10	8332	0.0007	0.5669
July 18	0	8332	0.0000	0.5669
July 19	1456	9788	0.0991	0.6660
July 20	281	10069	0.0191	0.6851
July 21	91	10160	0.0062	0.6913
July 22	9	10169	0.0006	0.6919
July 23	70	10239	0.0048	0.6967
July 24	0	10239	0.0000	0.6967
July 25	0	10239	0.0000	0.6967
July 26	1086	11325	0.0739	0.7706
July 27	24	11349	0.0016	0.7722
July 28	0	11349	0.0000	0.7722
July 29	0	11349	0.0000	0.7722
July 30	0	11349	0.0000	0.7722
July 31	0	11349	0.0000	0.7722
Aug. 1	0	11349	0.0000	0.7722
Aug. 2	0	11349	0.0000	0.7722
Aug. 3	2196	13545	0.1494	0.9216
Aug. 4	147	13692	0.0100	0.9316
Aug. 5	455	14147	0.0310	0.9626
Aug. 6	0	14147	0.0000	0.9626
Aug. 7	0	14147	0.0000	0.9626
Aug. 8	0	14147	0.0000	0.9626
Aug. 9	0	14147	0.0000	0.9626
Aug. 10	0	14147	0.0000	0.9626
Aug. 11	0	14147	0.0000	0.9626
Aug. 12	0	14147	0.0000	0.9626
Aug. 13	0	14147	0.0000	0.9626
Aug. 14	0	14147	0.0000	0.9626
Aug. 15	0	14147	0.0000	0.9626
Aug. 16	140	14287	0.0095	0.9721
Aug. 17	0	14287	0.0000	0.9721
Aug. 18	0	14287	0.0000	0.9721
Aug. 19	0	14287	0.0000	0.9721
Aug. 20	0	14287	0.0000	0.9721
Aug. 21	0	14287	0.0000	0.9721
Aug. 22	0	14287	0.0000	0.9721
Aug. 23	194	14481	0.0132	0.9853
Aug. 24	63	14544	0.0043	0.9896
Aug. 25	3	14547	0.0002	0.9898
Aug. 26	15	14562	0.0010	0.9908
Aug. 27	15	14577	0.0010	0.9918
Aug. 28	35	14612	0.0024	0.9942
Aug. 29	0	14612	0.0000	0.9942
Aug. 30	0	14612	0.0000	0.9942
Aug. 31	6	14618	0.0004	0.9946
Sept. 1	0	14618	0.0000	0.9946
Sept. 2	17	14635	0.0012	0.9958
Sept. 3	31	14666	0.0021	0.9979
Sept. 4	0	14666	0.0000	0.9979
Sept. 5	0	14666	0.0000	0.9979
Sept. 6	31	14697	0.0021	1.0000

Mean Day of Migration = July 17 Variance = 172.7 Days squared

Appendix Table 79. Age composition of the Chuck Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
	1983	1982	1981	1980	
	1.1	1.2	1.3	2.2	2.3
<b>Sample Dates: (September 28 - 29)</b>					
<b>Male</b>					
Sample Number	4	116	73	12	3
Percent	1.1	32.4	20.4	3.4	0.8
Std. Error	0.6	2.5	2.1	1.0	0.5
<b>Female</b>					
Sample Number		89	53	8	150
Percent		24.9	14.8	2.2	41.9
Std. Error		2.3	1.9	0.8	2.6
<b>All Fish</b>					
Sample Number	4	205	126	21	3
Percent	1.1	57.1	35.1	5.8	0.8
Std. Error	0.6	2.6	2.5	1.2	0.5

**Appendix Table 80. Length composition of Chuck Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1983	1982	1981	1980	
	1.1	1.2	1.3	2.2	2.3
<b>Sample Dates: (September 20 - 21)</b>					
<b>Male</b>	Avg. Length	353.8	502.9	561.8	502.5
	Std. Error	5.5	2.3	4.3	7.6
	Sample Size	4	116	73	12
<b>Female</b>	Avg. Length		489.4	556.0	504.4
	Std. Error		2.5	3.1	8.6
	Sample Size		89	53	8
<b>All Fish</b>	Avg. Length	353.8	497.0	559.4	503.3
	Std. Error	5.5	1.8	2.8	5.5
	Sample Size	4	205	126	20
					3

Appendix Table 81. Age composition of the Sarkar Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
	1983		1982		1981		1980	
	1.1	1.2	2.1	1.3	2.2	2.3	3.2	Total
<b>Sample Dates: (June 15 - 21)</b>								
<b>Male</b>								
Sample Number	5	87	5	7	106	15	1	226
Percent	1.3	23.5	1.3	1.9	28.6	4.0	0.3	60.9
Std. Error	0.6	2.2	0.6	0.7	2.3	1.0	0.3	2.5
<b>Female</b>								
Sample Number		37		13	85	10		145
Percent		10.0		3.5	22.9	2.7		39.1
Std. Error		1.6		1.0	2.2	0.8		2.5
<b>All Fish</b>								
Sample Number	5	124	5	20	191	25	1	371
Percent	1.3	33.4	1.3	5.4	51.5	6.7	0.3	100.0
Std. Error	0.6	2.5	0.6	1.2	2.6	1.3	0.3	

Appendix Table 82. Length composition of Sarkar Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
		1983		1982		1981		1980
		1.1	1.2	2.1		1.3	2.2	2.3
<b>Sample Dates: (September 4 - 5)</b>								
Male	Avg. Length	290.0	487.4	326.0	550.0	495.6	543.0	530.0
	Std. Error	43.6	2.6	12.8	6.3	2.7	8.7	
	Sample Size	5	87	5	7	104	15	1
Female	Avg. Length		475.1		538.5	482.4	526.0	
	Std. Error		3.8		6.5	3.0	12.2	
	Sample Size		36		13	85	10	
All Fish	Avg. Length	290.0	483.8	326.0	542.5	489.7	536.2	530.0
	Std. Error	43.6	2.2	12.8	4.8	2.0	7.2	
	Sample Size	5	123	5	20	189	25	1

Appendix Table 83. Age composition of the Kushneahin Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
Sample Dates: (August 28 - September 12)					
Male					
Sample Number	30	6	3	1	40
Percent	38.0	7.6	3.8	1.3	50.6
Std. Error	5.5	3.0	2.2	1.3	5.7
Female					
Sample Number	37		2		39
Percent	46.8		2.5		49.4
Std. Error	5.7		1.8		5.7
All Fish					
Sample Number	67	6	5	1	79
Percent	84.8	7.6	6.3	1.3	100.0
Std. Error	4.1	3.0	2.8	1.3	

Appendix table 84. Length composition of the Kushneahin Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
Male	Avg. Length	498.2	535.8	493.3	500.0
	Std. Error	9.2	7.5	8.8	
	Sample Size	30	6	3	1
Female	Avg. Length	492.6		490.0	
	Std. Error	2.4		20.0	
	Sample Size	36		2	
All Fish	Avg. Length	495.2	535.8	492.0	500.0
	Std. Error	4.4	7.5	8.0	
	Sample Size	66	6	5	1

Appendix Table 85. Age composition of the Sutter Creek sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
<b>Sample Date: (September 14)</b>				
<b>Male</b>				
Sample Number	9	10	7	26
Percent	14.3	15.9	11.1	41.3
Std. Error	4.4	4.6	4.0	6.3
<b>Female</b>				
Sample Number	18	10	4	37
Percent	28.6	15.9	6.3	58.7
Std. Error	5.7	4.6	3.1	6.3
<b>All Fish</b>				
Sample Number	27	20	4	63
Percent	42.9	31.7	6.3	19.0
Std. Error	6.3	5.9	3.1	5.0

Appendix Table 86. Length composition of the Sutter Creek sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
Sample Date: (September 14)				
Male	Avg. Length	509.4	583.5	584.3
	Std. Error	5.6	8.5	13.3
	Sample Size	9	10	7
Female	Avg. Length	489.2	557.5	478.8
	Std. Error	8.2	9.4	17.6
	Sample Size	18	10	4
All Fish	Avg. Length	495.9	570.5	478.8
	Std. Error	6.0	6.9	17.6
	Sample Size	27	20	4
				12

**Appendix Table 87.** Age composition of the Luck Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
	1983	1982		1981	1980		
	1.1	1.2	2.1	1.3	2.2	2.3	
<b>Sample Dates:</b> (August 29 - September 17)						Total	
<b>Male</b>							
Sample Number	20	47	16	23	34	6	146
Percent	9.0	21.4	7.3	10.5	15.5	2.7	66.4
Std. Error	1.9	2.8	1.8	2.1	2.4	1.1	3.2
<b>Female</b>							
Sample Number		7	1	49	6	11	74
Percent		3.2	0.5	22.3	2.7	5.0	33.6
Std. Error		1.2	0.5	2.8	1.1	1.5	3.2
<b>All Fish</b>							
Sample Number	20	56	17	72	40	17	222
Percent	9.0	25.2	7.7	32.4	18.0	7.7	100.0
Std. Error	1.9	2.9	1.8	3.1	2.6	1.8	

Appendix Table 88. Length composition of the Luck Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
		1983	1982		1981		1980
		1.1	1.2	2.1	1.3	2.2	2.3
<b>Sample Dates: (August 29 - September 17)</b>							
Male	Avg. Length	322.5	446.4	342.2	577.0	459.9	555.0
	Std. Error	7.2	4.3	6.7	5.9	5.1	24.2
	Sample Size	20	47	16	23	34	6
Female	Avg. Length		504.2	300.0	562.0	485.8	554.5
	Std. Error		9.0		3.7	11.1	5.5
	Sample Size		6	1	48	6	11
All Fish	Avg. Length	322.5	452.9	339.7	566.8	463.8	554.7
	Std. Error	7.2	4.7	6.8	3.3	4.8	8.8
	Sample Size	20	53	17	71	40	17

Appendix Table 89. Age composition of the Galea (Honker) Lake sockeye salmon escapement by sex and age class, 1986.

	Brood Year and Age Class						Total	
	1983		1982		1981			
	1.1	1.2	1.3	2.2	2.3	3.2		
<b>Sample Dates: (September 2 - 3)</b>								
<b>Male</b>								
Sample Number	5	60	29	25	4		123	
Percent	2.1	25.3	12.2	10.5	1.7		51.9	
Std. Error	0.9	2.8	2.1	2.0	0.8		3.3	
<b>Female</b>								
Sample Number		62	27	18	6	1	114	
Percent		26.2	11.4	7.6	2.5	0.4	48.1	
Std. Error		2.9	2.1	1.7	1.0	0.4	3.3	
<b>All Fish</b>								
Sample Number	5	122	56	43	10	1	237	
Percent	2.1	51.5	23.6	18.1	4.2	0.4	100.0	
Std. Error	0.9	3.3	2.8	2.5	1.3	0.4		

Appendix Table 90. Length composition of the Galea (Honker) Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
	1983	1982	1981		1980	
	1.1	1.2	1.3	2.2	2.3	3.2
<b>Sample Dates: (September 2 - 3)</b>						
<b>Male</b>	Avg. Length	214.0	483.2	554.7	492.2	551.3
	Std. Error	33.1	3.9	5.4	3.6	8.3
	Sample Size	5	60	29	25	4
<b>Female</b>	Avg. Length		486.5	546.3	499.7	525.8
	Std. Error		3.1	3.9	6.7	13.5
	Sample Size		62	27	18	6
						1
<b>All Fish</b>	Avg. Length	214.0	484.9	550.6	495.3	536.0
	Std. Error	33.1	2.4	3.4	3.5	9.3
	Sample Size	5	122	56	43	10
						1

Appendix Table 91. Age composition of the Salmon Bay Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class									
	1983		1982		1981		1980		
	0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
<b>Escapement Dates: (June 21 - July 19)</b>									
<b>Sample Dates: (June 23 - July 19)</b>									
<b>Male</b>									
Sample Number		11			31	6	2	15	65
Percent		11.1			31.3	6.1	2.0	15.2	65.7
Std. Error		3.2			4.7	2.4	1.4	3.6	4.8
Number		80			225	44	15	109	473
<b>Female</b>									
Sample Number			21		1	1	11		34
Percent			21.2		1.0	1.0	11.1		34.3
Std. Error			4.1		1.0	1.0	3.2		4.8
Number			154		7	7	80		248
<b>All Fish</b>									
Sample Number		11			52	7	3	26	99
Percent		11.1			52.5	7.1	3.0	26.3	100.0
Std. Error		3.2			5.0	2.6	1.7	4.4	
Number		80			379	51	22	189	721
<b>Escapement Dates: (July 20 - August 2)</b>									
<b>Sample Dates: (July 20 - August 2)</b>									
<b>Male</b>									
Sample Number	1	60			50	17	1	5	134
Percent	0.4	25.9			21.6	7.3	0.4	2.2	57.8
Std. Error	0.4	2.9			2.7	1.7	0.4	1.0	3.2
Number	8	449			375	127	8	38	1005
<b>Female</b>									
Sample Number	1		11		66	5	2	13	98
Percent	0.4		4.7		28.4	2.2	0.9	5.6	42.2
Std. Error	0.4		1.4		3.0	1.0	0.6	1.5	3.2
Number	8		82		495	38	15	97	735
<b>All Fish</b>									
Sample Number	1	1	71		116	22	3	18	232
Percent	0.4	0.4	30.6		50.0	9.5	1.3	7.8	100.0
Std. Error	0.4	0.4	3.0		3.3	1.9	0.7	1.8	
Number	8	8	531		870	165	23	135	1740
<b>Escapement Dates: (August 3 - 16)</b>									
<b>Sample Dates: (August 3 - 9)</b>									
<b>Male</b>									
Sample Number		63	1	92	14	1	8		179
Percent		20.4	0.3	29.8	4.5	0.3	2.6		57.9
Std. Error		2.3	0.3	2.6	1.2	0.3	0.9		2.8
Number		419	7	612	93	7	53		1191
<b>Female</b>									
Sample Number		32		88	4	1	5		130
Percent		10.4		28.5	1.3	0.3	1.6		42.1
Std. Error		1.7		2.6	0.6	0.3	0.7		2.8
Number		213		585	27	7	33		865
<b>All Fish 1/</b>									
Sample Number		95	1	180	18	2	14		310
Percent		30.6	0.3	58.1	5.8	0.6	4.5		100.0
Std. Error		2.6	0.3	2.8	1.3	0.5	1.2		
Number		632	7	1197	120	14	92		2062

-Continued-

Appendix Table 91. Age composition of the Salmon Bay Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

Brood Year and Age Class										
	1983		1982		1981		1980		Total	
	0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3		
<b>Escapement Dates: (August 17 - 30)</b>										
<b>Sample Dates: (August 17 - 29)</b>										
<b>Male</b>										
Sample Number		54		83		11		4	152	
Percent		12.3		18.9		2.5		0.9	34.6	
Std. Error		1.6		1.9		0.7		0.5	2.3	
Number		382		588		78		28	1076	
<b>Female</b>										
Sample Number		64		202		5		16	287	
Percent		14.6		46.0		1.1		3.6	65.4	
Std. Error		1.7		2.4		0.5		0.9	2.3	
Number		453		1431		35		114	2039	
<b>All Fish 1/</b>										
Sample Number		118		286		16		20	440	
Percent		26.8		65.0		3.6		4.5	100.0	
Std. Error		2.1		2.3		0.9		1.0		
Number		835		2025		113		142	3115	
<b>Escapement Dates: (August 31 - October 2)</b>										
<b>Sample Dates: (September 1 - 8)</b>										
<b>Male</b>										
Sample Number		10		35		3		1	52	
Percent		5.7		19.9		1.7		0.6	29.5	
Std. Error		1.7		3.0		1.0		0.6	3.4	
Number		76		264		23		8	394	
<b>Female</b>										
Sample Number		17		93		4		10	124	
Percent		9.7		52.8		2.3		5.7	70.5	
Std. Error		2.2		3.8		1.1		1.7	3.4	
Number		128		702		30		75	935	
<b>All Fish</b>										
Sample Number		27		128		7		1	176	
Percent		15.3		72.7		4.0		0.6	7.4	
Std. Error		2.7		3.4		1.5		0.6	2.0	
Number		204		966		53		8	98	
<b>Combined Periods (Percentages are weighted by period escapements)</b>										
<b>Male</b>										
Sample Number	1	198	1	291	51	5	35		582	
Percent	0.1	15.7	0.1	23.1	4.1	0.4	2.8		46.2	
Std. Error	0.1	1.0	0.1	1.2	0.6	0.2	0.5		1.4	
Number	8	1406	7	2064	365	38	251		4139	
<b>Female</b>										
Sample Number	1	124		470	19	4	55		673	
Percent	0.1	9.8		37.6	1.5	0.3	4.5		53.8	
Std. Error	0.1	0.8		1.3	0.3	0.2	0.6		1.4	
Number	8	876		3367	137	29	398		4815	
<b>All Fish 1/</b>										
Sample Number	1	1	322	1	762	70	9	91	1257	
Percent	0.1	0.1	25.5	0.1	60.6	5.6	0.7	7.3	100.0	
Std. Error	0.1	0.1	1.2	0.1	1.4	0.6	0.2	0.7		
Number	8	8	2282	7	5437	502	67	656	8967	

1/ Includes unsexed fish totals.

Appendix Table 92. Length composition of the Salmon Bay Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

		Brood Year and Age Class								
		1983		1982		1981		1980		
		0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	
<b>Escapement Dates:</b> {June 21 - July 19}										
<b>Sample Dates:</b> {June 23 - July 19}										
Male	Avg. Length			462.7		585.8	455.8	602.5	581.0	
	Std. Error			20.7		7.5	13.5	2.5	7.6	
	Sample Size			11		31	6	2	15	
Female	Avg. Length					559.5	650.0	600.0	566.8	
	Std. Error					4.8			8.8	
	Sample Size					21	1	1	11	
All Fish	Avg. Length			462.7		575.2	483.6	601.7	575.0	
	Std. Error			20.7		5.1	30.0	1.7	5.8	
	Sample Size			11		52	7	3	26	
<b>Escapement Dates:</b> {July 20 - August 2}										
<b>Sample Dates:</b> {July 20 - August 2}										
Male	Avg. Length			445.0	500.6	583.6	481.2	620.0	554.0	
	Std. Error				7.9	5.0	12.7		16.2	
	Sample Size			1	60	50	17	1	5	
Female	Avg. Length			580.0	516.8	560.2	494.0	577.5	569.2	
	Std. Error				14.0	2.8	11.3	7.5	5.4	
	Sample Size			1	11	66	5	2	13	
All Fish	Avg. Length			580.0	445.0	503.1	570.3	484.1	591.7	
	Std. Error				7.0	2.9	10.1	14.8	5.9	
	Sample Size			1	1	71	116	22	3	
<b>Escapement Dates:</b> {August 3 - 16}										
<b>Sample Dates:</b> {August 3 - 9}										
Male	Avg. Length			493.3	390.0	594.2	500.4	565.0	581.3	
	Std. Error			6.1		3.2	16.0		9.2	
	Sample Size			63	1	92	14	1	8	
Female	Avg. Length			497.7		571.1	510.0	570.0	553.0	
	Std. Error			4.4		2.4	10.0		16.2	
	Sample Size			32		88	4	1	5	
All Fish	Avg. Length			494.8	390.0	582.9	502.5	567.5	570.4	
	Std. Error			4.3		2.2	12.5	2.5	8.9	
	Sample Size			95	1	180	18	2	13	
<b>Escapement Dates:</b> {August 17 - 30}										
<b>Sample Dates:</b> {August 17 - 29}										
Male	Avg. Length			508.3		584.9	502.7		568.8	
	Std. Error			4.4		3.5	8.1		7.7	
	Sample Size			54		83	11	1	4	
Female	Avg. Length			512.8		567.4	523.0		570.3	
	Std. Error			3.0		1.8	7.3		5.8	
	Sample Size			64		202	5		16	
All Fish	Avg. Length			510.8		572.5	509.1		570.0	
	Std. Error			2.6		1.7	6.3		4.8	
	Sample Size			118		285	16		20	
<b>Escapement Dates:</b> {August 31 - October 2}										
<b>Sample Dates:</b> {September 1 - 8}										
Male	Avg. Length			522.0		592.7	523.3	580.0	585.0	
	Std. Error			6.0		5.1	19.2		5.0	
	Sample Size			10		35	3	1	3	
Female	Avg. Length			507.9		565.5	502.5		579.5	
	Std. Error			5.7		2.6	10.1		7.0	
	Sample Size			17		93	4		10	
All Fish	Avg. Length			513.1		573.0	511.4	580.0	580.8	
	Std. Error			4.4		2.6	10.0		5.5	
	Sample Size			27		128	7	1	13	
<b>Combined Periods (Unweighted)</b>										
Male	Avg. Length			445.0	499.4	390.0	588.7	490.6	594.0	
	Std. Error				3.6		1.9	6.9	9.7	
	Sample Size			1	198	1	291	51	5	
Female	Avg. Length			580.0	508.6		566.4	515.0	581.3	
	Std. Error				2.4		1.1	9.0	7.2	
	Sample Size			1	124		470	19	4	
All Fish	Avg. Length			580.0	445.0	502.9	574.9	497.2	588.3	
	Std. Error				2.4		1.1	5.7	6.3	
	Sample Size			1	1	322	761	70	9	

Appendix Table 93. Daily sockeye salmon counts and associated statistics from the Salmon Bay Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 23	0	0	0.0000	0.0000
June 24	0	0	0.0000	0.0000
June 25	0	0	0.0000	0.0000
June 26	0	0	0.0000	0.0000
June 27	0	0	0.0000	0.0000
June 28	0	0	0.0000	0.0000
June 29	0	0	0.0000	0.0000
June 30	6	6	0.0007	0.0007
July 1	9	15	0.0010	0.0017
July 2	15	30	0.0017	0.0033
July 3	15	45	0.0017	0.0050
July 4	16	61	0.0018	0.0068
July 5	19	80	0.0021	0.0089
July 6	21	101	0.0023	0.0113
July 7	26	127	0.0029	0.0142
July 8	3	130	0.0003	0.0145
July 9	11	141	0.0012	0.0157
July 10	11	152	0.0012	0.0170
July 11	11	163	0.0012	0.0182
July 12	25	188	0.0028	0.0210
July 13	30	218	0.0033	0.0243
July 14	8	226	0.0009	0.0252
July 15	6	232	0.0007	0.0259
July 16	7	239	0.0008	0.0267
July 17	7	246	0.0008	0.0274
July 18	14	260	0.0016	0.0290
July 19	1	261	0.0001	0.0291
July 20	9	270	0.0010	0.0301
July 21	2	272	0.0002	0.0303
July 22	1	273	0.0001	0.0304
July 23	1	274	0.0001	0.0306
July 24	13	287	0.0014	0.0320
July 25	136	423	0.0152	0.0472
July 26	298	721	0.0332	0.0804
July 27	184	905	0.0205	0.1009
July 28	149	1054	0.0166	0.1175
July 29	43	1097	0.0048	0.1223
July 30	27	1124	0.0030	0.1253
July 31	38	1162	0.0042	0.1296
Aug. 1	5	1167	0.0006	0.1301
Aug. 2	8	1175	0.0009	0.1310
Aug. 3	7	1182	0.0008	0.1318
Aug. 4	3	1185	0.0003	0.1322
Aug. 5	29	1214	0.0032	0.1354
Aug. 6	134	1348	0.0149	0.1503
Aug. 7	36	1384	0.0040	0.1543
Aug. 8	1009	2393	0.1125	0.2669
Aug. 9	68	2461	0.0076	0.2745
Aug. 10	133	2594	0.0148	0.2893
Aug. 11	40	2634	0.0045	0.2937
Aug. 12	51	2685	0.0057	0.2994
Aug. 13	1292	3977	0.1441	0.4435
Aug. 14	61	4038	0.0068	0.4503
Aug. 15	54	4092	0.0060	0.4563

-Continued-

Appendix Table 93. Daily sockeye salmon counts and associated statistics from the Salmon Bay Lake Weir, 1986 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 16	127	4219	0.0142	0.4705
Aug. 17	31	4250	0.0035	0.4740
Aug. 18	94	4344	0.0105	0.4844
Aug. 19	46	4390	0.0051	0.4896
Aug. 20	15	4405	0.0017	0.4912
Aug. 21	89	4494	0.0099	0.5012
Aug. 22	8	4502	0.0009	0.5021
Aug. 23	21	4523	0.0023	0.5044
Aug. 24	2103	6626	0.2345	0.7389
Aug. 25	0	6626	0.0000	0.7389
Aug. 26	0	6626	0.0000	0.7389
Aug. 27	0	6626	0.0000	0.7389
Aug. 28	0	6626	0.0000	0.7389
Aug. 29	0	6626	0.0000	0.7389
Aug. 30	0	6626	0.0000	0.7389
Aug. 31	0	6626	0.0000	0.7389
Sept. 1	0	6626	0.0000	0.7389
Sept. 2	0	6626	0.0000	0.7389
Sept. 3	0	6626	0.0000	0.7389
Sept. 4	0	6626	0.0000	0.7389
Sept. 5	0	6626	0.0000	0.7389
Sept. 6	109	6735	0.0122	0.7511
Sept. 7	31	6766	0.0035	0.7545
Sept. 8	6	6772	0.0007	0.7552
Sept. 9	15	6787	0.0017	0.7569
Sept. 10	36	6823	0.0040	0.7609
Sept. 11	5	6828	0.0006	0.7615
Sept. 12	24	6852	0.0027	0.7641
Sept. 13	130	6982	0.0145	0.7786
Sept. 14	18	7000	0.0020	0.7806
Sept. 15	58	7058	0.0065	0.7871
Sept. 16	88	7146	0.0098	0.7969
Sept. 17	447	7593	0.0498	0.8468
Sept. 18	45	7638	0.0050	0.8518
Sept. 19	29	7667	0.0032	0.8550
Sept. 20	833	8500	0.0929	0.9479
Sept. 21	97	8597	0.0108	0.9587
Sept. 22	26	8623	0.0029	0.9616
Sept. 23	9	8632	0.0010	0.9626
Sept. 24	19	8651	0.0021	0.9648
Sept. 25	0	8651	0.0000	0.9648
Sept. 26	3	8654	0.0003	0.9651
Sept. 27	42	8696	0.0047	0.9698
Sept. 28	15	8711	0.0017	0.9715
Sept. 29	14	8725	0.0016	0.9730
Sept. 30	11	8736	0.0012	0.9742
Oct. 1	14	8750	0.0016	0.9758
Oct. 2	20	8770	0.0022	0.9780
Oct. 3	2	8772	0.0002	0.9783
Oct. 4	4	8776	0.0004	0.9787
Oct. 5	21	8797	0.0023	0.9810
Oct. 6	9	8806	0.0010	0.9820
Oct. 7	22	8828	0.0025	0.9845
Oct. 8	21	8849	0.0023	0.9868
Oct. 9	28	8877	0.0031	0.9900
Oct. 10	11	8888	0.0012	0.9912
Oct. 11	37	8925	0.0041	0.9953
Oct. 12	6	8931	0.0007	0.9960
Oct. 13	5	8936	0.0006	0.9965
Oct. 14	0	8936	0.0000	0.9965
Oct. 15	1	8937	0.0001	0.9967
Oct. 16	0	8937	0.0000	0.9967
Oct. 17	0	8937	0.0000	0.9967
Oct. 18	1	8938	0.0001	0.9968
Oct. 19	0	8938	0.0000	0.9968
Oct. 20	0	8938	0.0000	0.9968
Oct. 21	29	8967	0.0032	1.0000

Mean Day of Migration = Aug. 22 Variance = 406.8 Days squared

Appendix Table 94. Age composition of the Red Bay Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
	1983	1982		1981		1980	
	1.1	1.2	2.1	1.3	2.2	1.4	2.3
<b>Sample Dates: (August 25 - 26)</b>							
<b>Male</b>							
Sample Number	14	143	3	53	6	9	228
Percent	2.9	29.9	0.6	11.1	1.3	1.9	47.7
Std. Error	0.8	2.1	0.4	1.4	0.5	0.6	2.3
<b>Female</b>							
Sample Number		51		177	3	1	18
Percent		10.7		37.0	0.6	0.2	3.8
Std. Error		1.4		2.2	0.4	0.2	0.9
<b>All Fish</b>							
Sample Number	15	210	4	230	10	1	27
Percent	3.0	42.3	0.8	46.3	2.0	0.2	5.4
Std. Error	0.8	2.2	0.4	2.2	0.6	0.2	1.0

Appendix Table 95. Length composition of the Red Bay Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
		1983	1982		1981		1980
		1.1	1.2	2.1	1.3	2.2	1.4
<b>Sample Dates: (August 25 - 26)</b>							
<b>Male</b>	Avg. Length	349.6	463.4	353.3	582.9	478.3	588.9
	Std. Error	12.3	3.1	16.4	4.2	20.7	8.6
	Sample Size	14	143	3	53	6	9
<b>Female</b>	Avg. Length		503.7		569.0	500.0	545.0
	Std. Error		3.8		1.9	17.3	3.7
	Sample Size		51		177	3	1
<b>All Fish</b>	Avg. Length	350.3	472.3	350.0	572.2	484.0	545.0
	Std. Error	11.5	2.7	12.1	1.8	13.3	4.1
	Sample Size	15	210	4	230	10	1
							27

**Appendix Table 96.** Age composition of the Kah Sheets Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
				Total

**Sample Dates:** (August 28 - September 13)

**Male**

Sample Number			3	3
Percent			16.7	16.7
Std. Error			9.0	9.0

**Female**

Sample Number	3	2	5	5	15
Percent	16.7	11.1	27.8	27.8	83.3
Std. Error	9.0	7.6	10.9	10.9	9.0

**All Fish**

Sample Number	3	2	5	8	18
Percent	16.7	11.1	27.8	44.5	100.0
Std. Error	8.6	7.2	10.4	11.8	

**Appendix Table 97. Length composition of the Kah Sheets Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3

**Sample Dates: (August 28 - September 13)**

Male	Avg. Length				616.7
	Std. Error				39.2
	Sample Size				3
Female	Avg. Length	501.7	540.0	512.0	553.0
	Std. Error	7.3	5.0	2.0	9.2
	Sample Size	3	2	5	5
All Fish	Avg. Length	501.7	540.0	512.0	576.9
	Std. Error	7.3	5.0	2.0	18.2
	Sample Size	3	2	5	8

**Appendix Table 98. Age composition of the Petersburg Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class							
	1983	1982		1981		1980	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
<b>Sample Dates: (August 20 - 21)</b>							
<b>Male</b>							
Sample Number	18	295	8	8	37	5	371
Percent	4.4	72.8	2.0	2.0	9.1	1.2	91.6
Std. Error	1.0	2.2	0.7	0.7	1.4	0.5	1.4
<b>Female</b>							
Sample Number		17	1	9	7		34
Percent		4.2	0.2	2.2	1.7		8.4
Std. Error		1.0	0.2	0.7	0.6		1.4
<b>All Fish</b>							
Sample Number	18	312	9	17	44	5	405
Percent	4.4	77.0	2.2	4.2	10.9	1.2	100.0
Std. Error	1.0	2.1	0.7	1.0	1.5	0.5	

Appendix Table 99. Length composition of the Petersburg Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
		1983	1982		1981	1980
		1.1	1.2	2.1	1.3	2.2
<b>Sample Dates: (August 20 - 21)</b>						
<b>Male</b>	Avg. Length	338.1	435.8	332.5	539.4	456.6
	Std. Error	6.1	1.6	4.6	18.9	9.0
	Sample Size	18	295	8	8	37
<b>Female</b>	Avg. Length		499.1	490.0	533.1	497.9
	Std. Error		6.9		7.3	9.1
	Sample Size		17	1	8	7
<b>All Fish</b>	Avg. Length	338.1	439.3	350.0	536.3	463.2
	Std. Error	6.1	1.8	18.0	9.8	8.0
	Sample Size	18	312	9	16	44

Appendix Table 100. Age composition of the Thoms Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class											
	1983		1982			1981			1980		1979
	1.1	1.2	2.1	1.3	2.2	3.1	2.3	3.2	3.3	Total	
Sample Dates: (September 8 - 9)											
<b>Male</b>											
Sample Number	9	16	110	2	54	5	33	1	1	231	
Percent	2.4	4.3	29.3	0.5	14.4	1.3	8.8	0.3	0.3	61.6	
Std. Error	0.8	1.0	2.4	0.4	1.8	0.6	1.5	0.3	0.3	2.5	
<b>Female</b>											
Sample Number	1	11	4	2	78		47		1	144	
Percent	0.3	2.9	1.1	0.5	20.8		12.5		0.3	38.4	
Std. Error	0.3	0.9	0.5	0.4	2.1		1.7		0.3	2.5	
<b>All Fish</b>											
Sample Number	10	27	114	4	132	5	80	1	2	375	
Percent	2.7	7.2	30.4	1.1	35.2	1.3	21.3	0.3	0.5	100.0	
Std. Error	0.8	1.3	2.4	0.5	2.5	0.6	2.1	0.3	0.4		

**Appendix Table 101.** Length composition of the Thoms Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class											
		1983		1982		1981			1980		1979
		1.1	1.2	2.1		1.3	2.2	3.1	2.3	3.2	3.3
<b>Sample Dates:</b> (September 8 - 9)											
Male	Avg. Length	334.4	496.9	364.8	552.5	495.0	348.0	558.5	520.0	565.0	
	Std. Error	7.6	5.2	1.8	2.5	4.2	4.1	3.8			
	Sample Size	9	16	110	2	54	5	33	1	1	
Female	Avg. Length	340.0	492.7	368.8	550.0	501.0		558.5		590.0	
	Std. Error		7.6	14.3	5.0	2.1		3.1			
	Sample Size	1	11	4	2	78		46		1	
All Fish	Avg. Length	335.0	495.2	364.9	551.3	498.5	348.0	558.5	520.0	577.5	
	Std. Error	6.8	4.3	1.8	2.4	2.1	4.1	2.4		12.5	
	Sample Size	10	27	114	4	132	5	79	1	2	

**Appendix Table 102. Age composition of the Mainstem Stikine River sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
	1983	1982		1981		1980
	0.2	0.3	1.2	1.3	2.2	2.3
<b>Sampling Dates: (September 11 - 29)</b>						
<b>Male</b>						
Sample Number	5	2	7	47	3	2
Percent	4.4	1.8	6.1	41.2	2.6	1.8
Std. Error	1.9	1.2	2.3	4.6	1.5	1.2
<b>Female</b>						
Sample Number		3	2	42	1	48
Percent		2.6	1.8	36.8	0.9	42.1
Std. Error		1.5	1.2	4.5	0.9	4.6
<b>All Fish</b>						
Sample Number	5	5	9	89	3	3
Percent	4.4	4.4	7.9	78.1	2.6	2.6
Std. Error	1.9	1.9	2.5	3.9	1.5	1.5

Appendix Table 103. Length composition of the Mainstem Stikine River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
		1983	1982	1981	1980	
		0.2	0.3	1.2	1.3	2.2
Sample Dates:	(September 11 - 29)					
Male	Avg. Length	442.4	583.5	484.0	606.3	556.3
	Std. Error	19.3	21.5	8.2	5.6	15.3
	Sample Size	5	2	7	47	3
Female	Avg. Length		591.3	556.0	585.1	585.0
	Std. Error		3.3	8.0	3.1	
	Sample Size		3	2	42	1
All Fish	Avg. Length	442.4	588.2	500.0	596.3	556.3
	Std. Error	19.3	7.3	12.4	3.4	15.3
	Sample Size	5	5	9	89	3

**Appendix Table 104. Age composition of the Iskut River sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Sample Date: (September 30)</b>					
<b>Male</b>					
Sample Number	7	24	1	1	33
Percent	10.3	35.3	1.5	1.5	48.5
Std. Error	3.7	5.8	1.5	1.5	6.1
<b>Female</b>					
Sample Number	1	34			35
Percent	1.5	50.0			51.5
Std. Error	1.5	6.1			6.1
<b>All Fish</b>					
Sample Number	8	58	1	1	68
Percent	11.8	85.3	1.5	1.5	100.0
Std. Error	3.9	4.3	1.5	1.5	

Appendix Table 105. Length composition of the Iskut River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
Sample Date:	(September 30)				
Male	Avg. Length	463.9	579.0	446.0	454.0
	Std. Error	15.7	12.1		
	Sample Size	7	24	1	1
Female	Avg. Length	517.0	567.6		
	Std. Error		3.9		
	Sample Size	1	34		
All Fish	Avg. Length	470.5	572.3	446.0	454.0
	Std. Error	15.1	5.5		
	Sample Size	8	58	1	1

Appendix Table 106. Age composition of the Chutine River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
	1982	1981	1980		
	0.3	1.2	1.3	1.4	2.3
<b>Sample Dates: (September 9 - 10)</b>					
<b>Male</b>					
Sample Number	1	3	33	3	40
Percent	1.0	3.0	33.3	3.0	40.4
Std. Error	1.0	1.7	4.8	1.7	5.0
<b>Female</b>					
Sample Number	5	52	1	1	59
Percent	5.1	52.5	1.0	1.0	59.6
Std. Error	2.2	5.0	1.0	1.0	5.0
<b>All Fish</b>					
Sample Number	1	8	85	1	4
Percent	1.0	8.1	85.9	1.0	4.0
Std. Error	1.0	2.8	3.5	1.0	2.0

Appendix Table 107. Length composition of the Chutine River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
		1982	1981	1980	
		0.3	1.2	1.3	1.4
<b>Sample Dates: (September 9 - 10)</b>					
Male	Avg. Length	565.0	456.7	603.8	596.7
	Std. Error		19.6	5.6	10.1
	Sample Size	1	3	33	3
Female	Avg. Length		508.0	567.6	540.0
	Std. Error		12.3	3.1	
	Sample Size		5	52	1
All Fish	Avg. Length	565.0	488.8	581.6	540.0
	Std. Error		13.6	3.4	7.9
	Sample Size	1	8	85	1
					4

Appendix Table 108. Age composition of the Chutine Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Sample Dates: (September 8 - 9)</b>					
<b>Male</b>					
Sample Number	20	14	17	10	61
Percent	12.4	8.7	10.6	6.2	37.9
Std. Error	2.6	2.2	2.4	1.9	3.8
<b>Female</b>					
Sample Number	17	15	44	24	100
Percent	10.6	9.3	27.3	14.9	62.1
Std. Error	2.4	2.3	3.5	2.8	3.8
<b>All Fish</b>					
Sample Number	37	29	61	34	161
Percent	23.0	18.0	37.9	21.1	100.0
Std. Error	3.3	3.0	3.8	3.2	

Appendix Table 109. Length composition of the Chutine Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
<b>Sample Dates: (September 8 - 9)</b>					
<b>Male</b>	Avg. Length	483.0	594.6	510.0	587.5
	Std. Error	8.7	8.0	8.0	12.4
	Sample Size	20	14	17	10
<b>Female</b>	Avg. Length	512.4	565.0	511.1	561.7
	Std. Error	2.8	7.4	3.5	7.2
	Sample Size	17	15	44	24
<b>All Fish</b>	Avg. Length	496.5	579.3	510.8	569.3
	Std. Error	5.4	6.0	3.3	6.5
	Sample Size	37	29	61	34

Appendix Table 110. Age composition of the Tahltan Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
Escapement Dates:	(July 27 - August 2)			
Sample Dates:	(July 29 - August 2)			
Male				
Sample Number		37		6
Percent		43.0		7.0
Std. Error		5.4		2.8
Number		2958		480
				3438
Female				
Sample Number	1	41		1
Percent	1.2	47.7		1.2
Std. Error	1.2	5.4		1.2
Number	80	3277		80
				3437
All Fish				
Sample Number	1	78		7
Percent	1.2	90.7		8.1
Std. Error	1.2	3.2		3.0
Number	80	6235		560
				6875
Escapement Dates:	(August 3 - 9)			
Sample Dates:	(August 3 - 9)			
Male				
Sample Number		124	1	5
Percent		44.3	0.4	1.8
Std. Error		3.0	0.4	0.8
Number		4724	38	191
				4953
Female				
Sample Number	1	132	3	14
Percent	0.4	47.1	1.1	5.0
Std. Error	0.4	3.0	0.6	1.3
Number	38	5030	114	533
				5715
All Fish				
Sample Number	1	256	4	19
Percent	0.4	91.4	1.4	6.8
Std. Error	0.4	1.7	0.7	1.5
Number	38	9754	152	724
				10668
Escapement Dates:	(August 10 - 16)			
Sample Dates:	(August 10 - 16)			
Male				
Sample Number	1	85		8
Percent	0.6	47.2		4.4
Std. Error	0.6	3.7		1.5
Number	11	970		91
				1072
Female				
Sample Number	2	72	3	9
Percent	1.1	40.0	1.7	5.0
Std. Error	0.8	3.7	1.0	1.6
Number	23	822	34	103
				982
All Fish				
Sample Number	3	157	3	17
Percent	1.7	87.2	1.7	9.4
Std. Error	1.0	2.5	1.0	2.2
Number	34	1792	34	194
				2054

-Continued-

**Appendix Table 110. Age composition of the Tahltan Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).**

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
<b>Escapement Dates:</b>	(August 17 - September 6)				
<b>Sample Dates:</b>	(August 17 - September 2)				
<b>Male</b>					
Sample Number	2	83		8	93
Percent	1.2	48.0		4.6	53.8
Std. Error	0.8	3.8		1.6	3.8
Number	8	327		32	367
<b>Female</b>					
Sample Number		67	3	10	80
Percent		38.7	1.7	5.8	46.2
Std. Error		3.7	1.0	1.8	3.8
Number		265	12	39	316
<b>All Fish</b>					
Sample Number	2	150	3	18	173
Percent	1.2	86.7	1.7	10.4	100.0
Std. Error	0.8	2.6	1.0	2.3	
Number	8	592	12	71	683
<b>Combined Periods (Percentages are weighted by period escapements)</b>					
<b>Male</b>					
Sample Number	3	329	1	27	360
Percent	0.2	44.9	0.2	4.0	49.2
Std. Error	0.2	2.2	0.2	0.9	2.2
Number	19	8979	38	794	9831
<b>Female</b>					
Sample Number	4	312	9	34	359
Percent	0.8	45.1	1.0	4.0	50.8
Std. Error	0.4	2.2	0.4	0.8	2.2
Number	141	9394	160	755	10450
<b>All Fish</b>					
Sample Number	7	641	10	61	719
Percent	1.0	89.9	1.1	8.0	100.0
Std. Error	0.4	1.3	0.4	1.2	
Number	160	18373	198	1549	20280

Appendix Table 111. Length composition of the Tahltan Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

		Brood Year and Age Class		
		1982	1981	1980
		1.2	1.3	2.2
		1.2	1.3	2.3
<b>Escapement Dates:</b> (July 27 - August 2)				
<b>Sample Dates:</b> (July 29 - August 2)				
Male	Avg. Length	589.9		597.7
	Std. Error	2.9		4.3
	Sample Size	37		6
Female	Avg. Length	542.0	574.3	592.0
	Std. Error		2.4	
	Sample Size	1	41	1
All Fish	Avg. Length	542.0	581.7	596.9
	Std. Error		2.1	3.8
	Sample Size	1	78	7
<b>Escapement Dates:</b> (August 3 - 9)				
<b>Sample Dates:</b> (August 3 - 9)				
Male	Avg. Length	595.2	541.0	583.0
	Std. Error	2.0		10.4
	Sample Size	124	1	5
Female	Avg. Length	520.0	576.2	503.7
	Std. Error		1.9	1.9
	Sample Size	1	132	3
All Fish	Avg. Length	520.0	585.4	513.0
	Std. Error		1.5	9.4
	Sample Size	1	256	4
<b>Escapement Dates:</b> (August 10 - 16)				
<b>Sample Dates:</b> (August 10 - 16)				
Male	Avg. Length	602.0	598.6	589.4
	Std. Error	2.4		5.8
	Sample Size	1	85	8
Female	Avg. Length	494.0	572.9	525.3
	Std. Error	26.0	2.4	16.7
	Sample Size	2	72	3
All Fish	Avg. Length	530.0	586.8	525.3
	Std. Error	39.0	2.0	16.7
	Sample Size	3	157	3
<b>Escapement Dates:</b> (August 17 - September 6)				
<b>Sample Dates:</b> (August 17 - September 2)				
Male	Avg. Length	553.0	594.1	590.4
	Std. Error	21.0	2.2	6.3
	Sample Size	2	83	8
Female	Avg. Length		565.9	502.3
	Std. Error		2.9	7.2
	Sample Size		67	3
All Fish	Avg. Length	553.0	581.5	502.3
	Std. Error	21.0	2.1	7.2
	Sample Size	2	150	3
<b>Combined Periods (Unweighted)</b>				
Male	Avg. Length	569.3	595.2	541.0
	Std. Error	20.3	1.2	
	Sample Size	3	329	1
				27
Female	Avg. Length	512.5	573.0	510.4
	Std. Error	15.7	1.2	6.5
	Sample Size	4	312	9
				34
All Fish	Avg. Length	536.9	584.4	513.5
	Std. Error	16.2	1.0	6.5
	Sample Size	7	641	10
				61

Appendix Table 112. Daily sockeye salmon counts and associated statistics from Tahltan Lake Weir, western British Columbia, Canada, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 27	0	0	0.0000	0.0000
July 28	1	1	0.0000	0.0000
July 29	5	6	0.0002	0.0003
July 30	15	21	0.0007	0.0010
July 31	140	161	0.0069	0.0079
Aug. 1	3560	3721	0.1755	0.1835
Aug. 2	3154	6875	0.1555	0.3390
Aug. 3	1764	8639	0.0870	0.4260
Aug. 4	2042	10681	0.1007	0.5267
Aug. 5	1911	12592	0.0942	0.6209
Aug. 6	1672	14264	0.0824	0.7034
Aug. 7	1510	15774	0.0745	0.7778
Aug. 8	976	16750	0.0481	0.8259
Aug. 9	793	17543	0.0391	0.8650
Aug. 10	516	18059	0.0254	0.8905
Aug. 11	643	18702	0.0317	0.9222
Aug. 12	355	19057	0.0175	0.9397
Aug. 13	272	19329	0.0134	0.9531
Aug. 14	126	19455	0.0062	0.9593
Aug. 15	100	19555	0.0049	0.9643
Aug. 16	42	19597	0.0021	0.9663
Aug. 17	62	19659	0.0031	0.9694
Aug. 18	24	19683	0.0012	0.9706
Aug. 19	13	19696	0.0006	0.9712
Aug. 20	76	19772	0.0037	0.9750
Aug. 21	0	19772	0.0000	0.9750
Aug. 22	14	19786	0.0007	0.9756
Aug. 23	164	19950	0.0081	0.9837
Aug. 24	25	19975	0.0012	0.9850
Aug. 25	10	19985	0.0005	0.9855
Aug. 26	29	20014	0.0014	0.9869
Aug. 27	29	20043	0.0014	0.9883
Aug. 28	20	20063	0.0010	0.9893
Aug. 29	53	20116	0.0026	0.9919
Aug. 30	49	20165	0.0024	0.9943
Aug. 31	33	20198	0.0016	0.9960
Sept. 1	22	20220	0.0011	0.9970
Sept. 2	39	20259	0.0019	0.9990
Sept. 3	10	20269	0.0005	0.9995
Sept. 4	11	20280	0.0005	1.0000
Sept. 5	0	20280	0.0000	1.0000
Sept. 6	0	20280	0.0000	1.0000

Mean Day of Migration = Aug. 5 Variance = 25.1 Days squared

Appendix Table 113. Age composition of the Kutlaku Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
	1983	1982	1981	1980				
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
<b>Sample Date: (September 5)</b>								
<b>Male</b>								
Sample Number	6	99	1	71	8			185
Percent	1.4	23.3	0.2	16.7	1.9			43.6
Std. Error	0.6	2.1	0.2	1.8	0.7			2.4
<b>Female</b>								
Sample Number		106		115	16	1	1	239
Percent		25.0		27.1	3.8	0.2	0.2	56.4
Std. Error		2.1		2.2	0.9	0.2	0.2	2.4
<b>All Fish</b>								
Sample Number	6	205	1	186	24	1	1	424
Percent	1.4	48.3	0.2	43.9	5.7	0.2	0.2	100.0
Std. Error	0.6	2.4	0.2	2.4	1.1	0.2	0.2	

Appendix Table 114. Length composition of the Kutlaku Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
		1983	1982		1981		1980
		1.1	1.2	2.1	1.3	2.2	1.4
<b>Sample Date: (September 5)</b>							
Male	Avg. Length	322.5	469.9	365.0	549.2	462.5	
	Std. Error	11.6	2.9		2.6	10.5	
	Sample Size	6	98	1	71	8	
Female	Avg. Length		473.3		537.3	479.7	510.0
	Std. Error		3.2		1.9	7.3	535.0
	Sample Size		106		115	16	1
All Fish	Avg. Length	322.5	471.7	365.0	541.9	474.0	510.0
	Std. Error	11.6	2.2		1.6	6.1	535.0
	Sample Size	6	204	1	186	24	1

**Appendix Table 115. Age composition of the Alecks Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
	1983	1982		1981		1980
	1.1	1.2	2.1	1.3	2.2	2.3
<b>Sample Dates: (September 2 - 3)</b>						
<b>Male</b>						
Sample Number	4	89	2	82	17	11
Percent	1.1	24.1	0.5	22.2	4.6	3.0
Std. Error	0.5	2.2	0.4	2.2	1.1	0.9
<b>Female</b>						
Sample Number		44		94	14	12
Percent		11.9		25.5	3.8	3.3
Std. Error		1.7		2.3	1.0	0.9
<b>All Fish</b>						
Sample Number	4	133	2	176	31	23
Percent	1.1	36.0	0.5	47.7	8.4	6.2
Std. Error	0.5	2.5	0.4	2.6	1.4	1.3

Appendix Table 116. Length composition of the Alecks Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
		1983	1982		1981		1980
		1.1	1.2	2.1	1.3	2.2	2.3
<b>Sample Dates: (September 2 - 3)</b>							
Male	Avg. Length	350.0	487.7	362.5	559.5	513.2	568.2
	Std. Error	19.9	4.5	27.5	3.4	9.4	9.0
	Sample Size	4	89	2	82	17	11
Female	Avg. Length		497.5		543.5	478.2	547.1
	Std. Error		5.0		2.5	10.2	4.3
	Sample Size		44		93	14	12
All Fish	Avg. Length	350.0	490.9	362.5	551.0	497.4	557.2
	Std. Error	19.9	3.4	27.5	2.1	7.5	5.3
	Sample Size	4	133	2	175	31	23

Appendix Table 117. Age composition of the Canyon Island (Taku River) fishwheel catch of sockeye salmon by sex, age class, and sample period, 1986.

Statistical Weeks	Brood Year and Age Class									
	1983		1982		1981		1980			
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Statistical Weeks 24 - 25 (June 14 - 21)										
Male										
Sample Number			19			24			1	44
Percent			17.6			22.2			0.9	40.7
Std. Error			3.7			4.0			0.9	4.8
Number			547			690			29	1,266
Female										
Sample Number			34			26	1		3	64
Percent			31.5			24.1	0.9		2.8	59.3
Std. Error			4.5			4.1	0.9		1.6	4.8
Number			978			749	29		86	1,842
All Fish										
Sample Number			53			50	1		4	108
Percent			49.1			46.3	0.9		3.7	100.0
Std. Error			4.8			4.8	0.9		1.8	
Number			1,525			1,439	29		115	3,108
Statistical Week 26 (June 22 - 28)										
Male										
Sample Number	1	1	5	77		63	4	1	6	158
Percent	0.3	0.3	1.6	24.8		20.3	1.3	0.3	1.9	51.0
Std. Error	0.3	0.3	0.7	2.5		2.3	0.6	0.3	0.8	2.8
Number	26	26	131	2,021		1,652	105	26	157	4,144
Female										
Sample Number			1	75		69	4		3	152
Percent			0.3	24.2		22.3	1.3		1.0	49.0
Std. Error			0.3	2.4		2.4	0.6		0.6	2.8
Number			26	1,967		1,810	105		79	3,987
All Fish										
Sample Number	1	1	6	152		132	8	1	9	310
Percent	0.3	0.3	1.9	49.0		42.6	2.6	0.3	2.9	100.0
Std. Error	0.3	0.3	0.8	2.8		2.8	0.9	0.3	1.0	
Number	26	26	157	3,988		3,462	210	26	236	8,131
Statistical Week 27 (June 29 - July 5)										
Male										
Sample Number	6		5	171		150	5	2	20	359
Percent	0.9		0.8	25.8		22.6	0.8	0.3	3.0	54.1
Std. Error	0.4		0.3	1.7		1.6	0.3	0.2	0.7	1.9
Number	162		135	4,622		4,054	135	54	540	9,702
Female										
Sample Number		4	167			101	7	1	25	305
Percent		0.6	25.2			15.2	1.1	0.2	3.8	45.9
Std. Error		0.3	1.7			1.4	0.4	0.2	0.7	1.9
Number		108	4,514			2,730	189	27	676	8,244
All Fish 1/										
Sample Number	6		9	340		252	12	3	45	667
Percent	0.9		1.3	51.0		37.8	1.8	0.4	6.7	100.0
Std. Error	0.4		0.4	1.9		1.9	0.5	0.3	1.0	
Number	162		243	9,190		6,812	324	81	1,216	18,029
Statistical Week 28 (July 6 - 12)										
Male										
Sample Number	13	1	6	100		150	7	3	18	298
Percent	2.2	0.2	1.0	17.3		26.0	1.2	0.5	3.1	51.6
Std. Error	0.6	0.2	0.4	1.6		1.8	0.5	0.3	0.7	2.1
Number	364	28	168	2,804		4,204	196	84	504	8,352
Female										
Sample Number		4	101			141	9	1	24	280
Percent		0.7	17.5			24.4	1.6	0.2	4.2	48.4
Std. Error		0.3	1.6			1.8	0.5	0.2	0.8	2.1
Number		112	2,830			3,952	252	28	673	7,847
All Fish										
Sample Number	13	1	10	201		291	16	4	42	578
Percent	2.2	0.2	1.7	34.8		50.3	2.8	0.7	7.3	100.0
Std. Error	0.6	0.2	0.5	2.0		2.1	0.7	0.3	1.1	
Number	364	28	280	5,634		8,156	448	112	1,177	16,199
Statistical Week 29 (July 13 - 19)										
Male										
Sample Number	9		5	40		88	3		9	154
Percent	2.7		1.5	11.9		26.2	0.9		2.7	45.8
Std. Error	0.9		0.7	1.8		2.4	0.5		0.9	2.7
Number	350		195	1,557		3,424	117		350	5,993
Female										
Sample Number	2		6	35		111	7		20	182
Percent	0.6		1.8	10.4		33.0	2.1		6.0	54.2
Std. Error	0.4		0.7	1.7		2.6	0.8		1.3	2.7
Number	78		233	1,362		4,359	272		778	7,082
All Fish 1/										
Sample Number	14		15	93		223	15		33	394
Percent	3.6		3.8	23.6		56.8	3.8		8.4	100.0
Std. Error	0.9		1.0	2.1		2.5	1.0		1.4	
Number	545		584	3,618		8,717	584		1,284	15,332

-Continued-

Appendix Table 117. Age composition of the Canyon Island (Taku River) fishwheel catch of sockeye salmon by sex, age class, and sample period, 1986 (continued).

Statistical Week	Brood Year and Age Class										Total	
	1983		1982		1981		1980					
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3			
Male												
Sample Number	27	1	24	52		185	7		30	326		
Percent	4.1	0.2	3.7	7.9		28.2	1.1		4.6	49.7		
Std. Error	0.8	0.2	0.7	1.1		1.8	0.4		0.8	2.0		
Number	899	33	800	1,733		6,166	233		1,000	10,864		
Female												
Sample Number	2	2	20	40		226	5		35	330		
Percent	0.3	0.3	3.0	6.1		34.5	0.8		5.3	50.3		
Std. Error	0.2	0.2	0.7	0.9		1.9	0.3		0.9	2.0		
Number	67	67	667	1,333		7,531	167		1,166	10,998		
All Fish 1/												
Sample Number	29	3	45	100		422	13	1	70	683		
Percent	4.2	0.4	6.6	14.6		61.8	1.9	0.1	10.2	100.0		
Std. Error	0.8	0.3	0.9	1.4		1.9	0.5	0.1	1.2			
Number	966	100	1,500	3,333		14,063	433	33	2,333	22,761		
Statistical Week	31	(July 27 - August 2)										
Male												
Sample Number	12	3	17	15	1	65	2		11	126		
Percent	5.2	1.3	7.3	6.4	0.4	27.9	0.9		4.7	54.1		
Std. Error	1.5	0.7	1.7	1.6	0.4	2.9	0.6		1.4	3.3		
Number	390	98	553	488	33	2,113	65		356	4,096		
Female												
Sample Number			24	12		60	2		9	107		
Percent			10.3	5.2		25.8	0.9		3.9	45.9		
Std. Error			2.0	1.5		2.9	0.6		1.3	3.3		
Number			780	390		1,951	65		293	3,479		
All Fish												
Sample Number	12	3	41	27	1	125	4		20	233		
Percent	5.2	1.3	17.6	11.6	0.4	53.6	1.7		8.6	100.0		
Std. Error	1.5	0.7	2.5	2.1	0.4	3.3	0.9		1.8			
Number	390	98	1,333	878	33	4,064	130		649	7,575		
Statistical Week	32	(August 3 - 9)										
Male												
Sample Number	9	3	13	23		50	3		10	111		
Percent	4.2	1.4	6.1	10.8		23.6	1.4		4.7	52.4		
Std. Error	1.4	0.8	1.7	2.1		2.9	0.8		1.5	3.4		
Number	261	87	377	667		1,449	87		290	3,218		
Female												
Sample Number	2		27	6		55	3		8	101		
Percent	0.9		12.7	2.8		25.9	1.4		3.8	47.6		
Std. Error	0.7		2.3	1.1		3.0	0.8		1.3	3.4		
Number	58		783	174		1,594	87		232	2,928		
All Fish												
Sample Number	11	3	40	29		105	6		18	212		
Percent	5.2	1.4	18.9	13.7		49.5	2.8		8.5	100.0		
Std. Error	1.5	0.8	2.7	2.4		3.4	1.1		1.9			
Number	319	87	1,160	841		3,043	174		522	6,146		
Statistical Weeks	33 - 35	(August 10 - 25)										
Male												
Sample Number	3	1	12	10		57			7	90		
Percent	1.5	0.5	5.9	4.9		27.9			3.4	44.1		
Std. Error	0.8	0.5	1.7	1.5		3.1			1.3	3.5		
Number	114	38	456	380		2,242			266	3,496		
Female												
Sample Number	5		25	14		51	1	2	16	114		
Percent	2.5		12.3	6.9		25.0	0.5	1.0	7.8	55.9		
Std. Error	1.1		2.3	1.8		3.0	0.5	0.7	1.9	3.5		
Number	190		950	532		1,938	38	76	608	4,332		
All Fish												
Sample Number	8	1	37	24		108	1	2	23	204		
Percent	3.9	0.5	18.1	11.8		52.9	0.5	1.0	11.3	100.0		
Std. Error	1.4	0.5	2.7	2.3		3.5	0.5	0.7	2.2			
Number	304	38	1,406	912		4,180	38	76	874	7,828		
Combined Periods (Percentages are weighted by period escapements)												
Male												
Sample Number	80	10	87	507	1	832	31	6	112	1666		
Percent	2.3	0.4	3.1	14.2	<0.1	25.0	0.8	0.1	3.2	49.3		
Std. Error	0.3	0.1	0.4	0.7	<0.1	0.9	0.2	0.1	0.3	1.0		
Number	2,566	310	2,815	14,819	33	25,994	938	164	3,492	51,131		
Female												
Sample Number	11	2	111	484		840	39	4	143	1635		
Percent	0.5	<0.1	4.7	14.5		25.4	1.1	0.1	4.2	50.7		
Std. Error	0.2	<0.1	0.4	0.7		0.9	0.2	0.1	0.4	1.0		
Number	393	67	3,659	14,080		26,614	1,204	131	4,591	50,739		
All Fish 1/												
Sample Number	94	12	203	1019	<0.1	1708	76	11	264	3389		
Percent	2.8	0.5	7.8	28.8	<0.1	50.2	2.1	0.3	7.5	100.0		
Std. Error	0.3	0.1	0.5	0.9	<0.1	1.0	0.3	0.1	0.5			
Number	3,076	377	6,663	29,919	33	53,937	2,370	328	8,406	105,109		

1/ Includes unsexed fish totals.

Appendix Table 118. Length composition of the Canyon Island (Taku River) fishwheel catch of sockeye salmon by sex, age class, and sample period, 1986.

Brood Year and Age Class										
	1983			1982			1981		1980	
	0.2	1.1	0.3	1.2	2.1		1.3	2.2	1.4	2.3
Statistical Weeks 24 - 25 (June 14 - 21)										
Male	Avg. Length			505.8		576.5			570.0	
	Std. Error			11.0		6.5				
	Sample Size			19		24			1	
Female	Avg. Length			514.4		565.4	485.0		538.3	
	Std. Error			6.2		6.1			22.4	
	Sample Size			33		26	1			3
All Fish	Avg. Length			511.3		570.7	485.0		546.3	
	Std. Error			5.6		4.5			17.7	
	Sample Size			52		50	1			4
Statistical Week 26 (June 22 - 28)										
Male	Avg. Length	435.0	320.0	563.8	520.8	587.5	523.8	640.0	570.0	
	Std. Error			11.1	3.2	4.2	11.1		5.2	
	Sample Size	1	1	5	76	63	4	1		6
Female	Avg. Length			520.0	509.6	560.1	515.0		560.0	
	Std. Error			3.3		3.8	11.9		19.1	
	Sample Size			1	74	67	4			4
All Fish	Avg. Length	435.0	320.0	556.5	515.3	573.4	519.4	640.0	566.0	
	Std. Error			11.6	2.3	3.1	7.7		7.8	
	Sample Size	1	1	6	150	130	8	1		10
Statistical Week 27 (June 29 - July 5)										
Male	Avg. Length	430.8		575.0	494.6	586.3	492.0	615.0	576.0	
	Std. Error	8.4		12.5	3.3	2.8	15.9	25.0	10.0	
	Sample Size	6		5	170	150	5	2		20
Female	Avg. Length			542.5	496.8	564.0	502.9	490.0	569.8	
	Std. Error			24.9	2.8	3.5	3.8		4.8	
	Sample Size			4	167	100	7	1		25
All Fish	Avg. Length	430.8		560.6	495.7	577.3	498.3	573.3	572.6	
	Std. Error	8.4		13.4	2.2	2.3	6.8	44.1	5.1	
	Sample Size	6		9	337	251	12	3		45
Statistical Week 28 (July 6 - 12)										
Male	Avg. Length	450.0	320.0	600.0	475.9	586.5	492.9	611.7	605.5	
	Std. Error	8.8		8.5	4.5	2.5	16.7	14.8	7.9	
	Sample Size	14	1	6	98	148	7	3		19
Female	Avg. Length			588.8	493.7	564.1	507.8	600.0	570.4	
	Std. Error			7.2	3.7	2.5	12.6		6.3	
	Sample Size			4	101	140	9	1		25
All Fish	Avg. Length	450.0	320.0	595.5	484.9	575.6	501.3	608.8	585.6	
	Std. Error	8.8		5.8	3.0	1.9	10.0	10.9	5.6	
	Sample Size	14	1	10	199	288	16	4		44
Statistical Week 29 (July 13 - 19)										
Male	Avg. Length	438.0		601.4	479.8	591.7	473.8		587.7	
	Std. Error	6.9		8.4	6.4	3.8	42.3		10.7	
	Sample Size	10		7	48	89	4			13
Female	Avg. Length	560.0		581.7	493.3	574.7	468.8		564.5	
	Std. Error	25.0		7.6	7.3	2.6	9.0		5.2	
	Sample Size	2		6	35	119	8			20
All Fish	Avg. Length	458.3		592.3	485.5	582.0	470.4		573.6	
	Std. Error	15.2		6.2	4.8	2.3	14.1		5.5	
	Sample Size	12		13	83	208	12			33

-Continued-

Appendix Table 118. Length composition of the Canyon Island (Taku River) fishwheel catch of sockeye salmon by sex, age class, and sample period, 1986 (continued).

	Statistical Week	30	Brood Year and Age Class								
			1983		1982			1981		1980	
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3
<b>Statistical Week 30</b>			(July 20 - 26)								
Male	Avg. Length	463.2	297.5	590.4	459.5		594.7	498.1		587.9	
	Std. Error	8.6	2.5	8.0	6.0		2.3	20.4		6.7	
	Sample Size	28	2	28	52		197	8		33	
Female	Avg. Length	431.7	325.0	568.8	490.6		572.2	470.6		574.3	
	Std. Error	27.4		3.7	6.0		1.6	15.4		4.0	
	Sample Size	3	2	21	41		238	9		36	
All Fish	Avg. Length	460.2	311.3	581.1	473.2		582.4	483.5		580.8	
	Std. Error	8.2	8.0	5.0	4.6		1.5	12.7		3.9	
	Sample Size	31	4	49	93		435	17		69	
<b>Statistical Week 31</b>			(July 27 - August 2)								
Male	Avg. Length	438.1	293.3	594.7	475.0	310.0	601.2	422.5		596.7	
	Std. Error	6.0	10.9	3.6	14.6		6.1	12.5		9.0	
	Sample Size	13	3	19	14	1	62	2		12	
Female	Avg. Length			580.8	511.7		580.1	555.0		584.4	
	Std. Error			3.6	13.7		4.2	30.0		11.9	
	Sample Size			25	12		59	2		9	
All Fish	Avg. Length	438.1	293.3	586.8	491.9	310.0	590.9	488.8		591.4	
	Std. Error	6.0	10.9	2.8	10.5		3.8	40.5		7.2	
	Sample Size	13	3	44	26	1	121	4		21	
<b>Statistical Week 32</b>			(August 3 - 9)								
Male	Avg. Length	427.2	286.7	605.0	466.5		606.1	446.7		616.0	
	Std. Error	12.6	6.0	6.0	7.4		3.2	14.5		6.8	
	Sample Size	9	3	15	23		48	3		10	
Female	Avg. Length	490.0		571.3	515.8		582.9	491.7		581.9	
	Std. Error	30.0		3.6	18.5		2.6	42.1		17.4	
	Sample Size	2		27	6		54	3		8	
All Fish	Avg. Length	438.6	286.7	583.3	476.7		593.8	469.2		600.8	
	Std. Error	13.4	6.0	4.0	7.8		2.3	22.3		9.3	
	Sample Size	11	3	42	29		102	6		18	
<b>Statistical Weeks 33 - 35</b>			(August 10 - 25)								
Male	Avg. Length	441.7	320.0	601.7	488.0		608.4			612.1	
	Std. Error	7.3		8.6	13.3		4.2			10.9	
	Sample Size	3	1	12	10		58			7	
Female	Avg. Length	435.0		581.0	491.1		582.0	555.0	592.5	580.6	
	Std. Error	12.8		6.3	11.6		2.9		37.5	5.7	
	Sample Size	5		26	14		50	1	2	16	
All Fish	Avg. Length	437.5	320.0	587.5	489.8		596.2	555.0	592.5	590.2	
	Std. Error	8.1		5.3	8.5		2.9		37.5	5.9	
	Sample Size	8	1	38	24		108	1	2	23	
<b>Combined Periods (Unweighted)</b>											
Male	Avg. Length	446.8	299.5	594.1	488.4	310.0	592.5	487.0	617.5	592.2	
	Std. Error	3.9	5.1	3.1	2.0		1.2	9.0	10.3	3.4	
	Sample Size	84	11	97	510	1	839	33	6	121	
Female	Avg. Length	464.2	325.0	574.8	499.0		570.9	494.5	568.8	572.1	
	Std. Error	17.0	<0.1	2.3	1.7		1.0	6.2	30.4	2.4	
	Sample Size	12	2	114	483		853	44	4	146	
All Fish	Avg. Length	449.0	303.5	583.7	493.6	310.0	581.6	491.3	598.0	581.2	
	Std. Error	4.0	5.0	2.0	1.3		0.8	5.2	14.9	2.1	
	Sample Size	96	13	211	993	1	1693	77	10	267	

Appendix Table 119. Catch and CPUE (catch/wheel hour)  
of sockeye salmon in fishwheels at  
Canyon Island, 1986.

	Daily Sockeye Catch	Cumul. Sockeye Catch	Daily CPUE	Daily Proport. CPUE	Cumul. Proport. CPUE
14-Jun	5	5	0.263	0.002	0.002
15-Jun	0	5	0.000	0.000	0.002
16-Jun	0	5	0.000	0.000	0.002
17-Jun	9	14	0.643	0.004	0.006
18-Jun	26	40	0.634	0.004	0.010
19-Jun	27	67	0.750	0.005	0.014
20-Jun	53	120	1.395	0.009	0.023
21-Jun	38	158	0.987	0.006	0.030
22-Jun	56	214	1.366	0.009	0.038
23-Jun	80	294	1.798	0.011	0.050
24-Jun	86	380	1.922	0.012	0.062
25-Jun	87	467	1.933	0.012	0.074
26-Jun	45	512	1.034	0.007	0.081
27-Jun	68	580	2.061	0.013	0.094
28-Jun	86	666	2.110	0.013	0.107
29-Jun	132	798	3.385	0.021	0.128
30-Jun	174	972	4.047	0.026	0.154
01-Jul	126	1,098	4.065	0.026	0.180
02-Jul	126	1,224	3.190	0.020	0.200
03-Jul	140	1,364	4.746	0.030	0.230
04-Jul	145	1,509	3.392	0.021	0.251
05-Jul	184	1,693	4.279	0.027	0.278
06-Jul	135	1,828	3.333	0.021	0.300
07-Jul	151	1,979	4.137	0.026	0.326
08-Jul	138	2,117	3.325	0.021	0.347
09-Jul	106	2,223	3.533	0.022	0.369
10-Jul	100	2,323	3.125	0.020	0.389
11-Jul	117	2,440	2.819	0.018	0.407
12-Jul	105	2,545	4.078	0.026	0.433
13-Jul	100	2,645	3.636	0.023	0.456
14-Jul	0	2,645	0.000	0.000	0.456
15-Jul	60	2,705	3.670	0.023	0.479
16-Jul	70	2,775	4.118	0.026	0.505
17-Jul	140	2,915	3.294	0.021	0.526
18-Jul	164	3,079	3.665	0.023	0.549
19-Jul	203	3,282	4.667	0.030	0.578
20-Jul	237	3,519	5.448	0.034	0.613
21-Jul	245	3,764	7.206	0.046	0.659
22-Jul	262	4,026	6.238	0.039	0.698
23-Jul	190	4,216	4.595	0.029	0.727
24-Jul	138	4,354	3.450	0.022	0.749
25-Jul	153	4,507	3.592	0.023	0.772
26-Jul	153	4,660	3.687	0.023	0.795
27-Jul	106	4,766	2.650	0.017	0.812
28-Jul	85	4,851	2.429	0.015	0.827
29-Jul	88	4,939	2.066	0.013	0.840
30-Jul	50	4,989	1.134	0.007	0.847
31-Jul	21	5,010	0.483	0.003	0.850
01-Aug	32	5,042	0.744	0.005	0.855
02-Aug	64	5,106	1.882	0.012	0.867
03-Aug	69	5,175	1.500	0.009	0.877
04-Aug	55	5,230	1.214	0.008	0.884
05-Aug	79	5,309	2.324	0.015	0.899
06-Aug	50	5,359	1.471	0.009	0.908
07-Aug	37	5,396	0.830	0.005	0.913
08-Aug	60	5,456	1.333	0.008	0.922
09-Aug	25	5,481	0.568	0.004	0.926
10-Aug	76	5,557	1.689	0.011	0.936
11-Aug	100	5,657	2.857	0.018	0.954
12-Aug	65	5,722	3.023	0.019	0.973
13-Aug	63	5,785	3.600	0.023	0.996
14-Aug	0	5,785	0.000	0.000	0.996
15-Aug	0	5,785	0.000	0.000	0.996
16-Aug	4	5,789	0.170	0.001	0.997
17-Aug	13	5,802	0.294	0.002	0.999
18-Aug	3	5,805	0.065	0.000	1.000
19-Aug	0	5,805	0.000	0.000	1.000
20-Aug	0	5,805	0.000	0.000	1.000
21-Aug	0	5,805	0.000	0.000	1.000
22-Aug	0	5,805	0.000	0.000	1.000
23-Aug	0	5,805	0.000	0.000	1.000
24-Aug	3	5,808	0.071	0.000	1.000
25-Aug	0	5,808	0.000	0.000	1.000

Mean Day of CPUE = July 16 Variance = 201.3 Days<sup>2</sup>

**Appendix Table 120. Age composition of the Fish Creek (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1983	1982	1981		
	1.1	0.3	1.2	1.3	Total
<b>Sample Date:</b>	<b>(September 30)</b>				
<b>Male</b>					
Sample Number	1	6	6	1	14
Percent	5.3	31.6	31.6	5.3	73.7
Std. Error		11.0	11.0		10.4
<b>Female</b>					
Sample Number		2		3	5
Percent		10.5		15.8	26.3
Std. Error		7.2		8.6	10.4
<b>All Fish</b>					
Sample Number	1	8	6	4	19
Percent	5.3	42.1	31.6	21.1	100.0
Std. Error		11.6	11.0	9.6	

**Appendix Table 121. Length composition of the Fish Creek (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
		1983	1982	1981	
		1.1	0.3	1.2	1.3
<b>Sample Date:</b>	<b>(September 30)</b>				
<b>Male</b>	<b>Avg. Length</b>	310.0	610.0	460.8	620.0
	<b>Std. Error</b>		3.4	8.6	
	<b>Sample Size</b>	1	6	6	1
<b>Female</b>	<b>Avg. Length</b>		552.5		578.3
	<b>Std. Error</b>		2.5		9.3
	<b>Sample Size</b>		2		3
<b>All Fish</b>	<b>Avg. Length</b>	310.0	595.6	460.8	588.8
	<b>Std. Error</b>		9.7	8.6	12.3
	<b>Sample Size</b>	1	8	6	4

Appendix Table 122. Age composition of the Yehring Creek (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
	1983		1982		1981		1980	
	0.2	1.1	0.3	1.2	1.3	2.2	2.3	Total
Sample Dates:	(August 29 - October 1)							
<b>Male</b>								
Sample Number	2	1	9	30	54	1	1	98
Percent	1.1	0.5	4.8	15.9	28.6	0.5	0.5	51.9
Std. Error	0.7		1.6	2.7	3.3			3.6
<b>Female</b>								
Sample Number			6	11	67	2	5	91
Percent			3.2	5.8	35.4	1.1	2.6	48.1
Std. Error			1.3	1.7	3.5	0.7	1.2	3.6
<b>All Fish</b>								
Sample Number	2	1	15	41	121	3	6	189
Percent	1.1	0.5	7.9	21.7	64.0	1.6	3.2	100.0
Std. Error	0.7		2.0	3.0	3.5	0.9	1.3	

Appendix Table 123. Length composition of the Yehring Creek (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
		1983		1982		1981		1980
		0.2	1.1	0.3	1.2	1.3	2.2	2.3
Sample Dates: (August 29 - October 1)								
Male	Avg. Length	484.5	351.0	577.9	463.4	585.5	460.0	560.0
	Std. Error	24.5		15.6	5.5	4.9		
	Sample Size	2	1	9	30	50	1	1
Female	Avg. Length			568.3	493.4	559.0	462.5	577.0
	Std. Error			11.7	6.5	3.6	17.5	7.3
	Sample Size			6	11	66	2	5
All Fish	Avg. Length	484.5	351.0	574.1	471.4	570.4	461.7	574.2
	Std. Error	24.5		10.2	4.8	3.2	10.1	6.6
	Sample Size	2	1	15	41	116	3	6

**Appendix Table 124. Age composition of the South Fork Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class							
	1984	1983		1982		1981	
	0.1	0.2	1.1	0.3	1.2	1.3	Total
<b>Sample Date:</b>		<b>(September 25)</b>					
<b>Male</b>							
Sample Number	1	12	2	17	1	16	49
Percent	1.9	22.2	3.7	31.5	1.9	29.6	90.7
Std. Error		5.7	2.6	6.4		6.3	4.0
<b>Female</b>							
Sample Number				5			5
Percent				9.3			9.3
Std. Error				4.0			4.0
<b>All Fish</b>							
Sample Number	1	12	2	22	1	16	54
Percent	1.9	22.2	3.7	40.7	1.9	29.6	100.0
Std. Error		5.7	2.6	6.7		6.3	

Appendix Table 125. Length composition of the South Fork Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
	1984	1983		1982		1981
	0.1	0.2	1.1	0.3	1.2	1.3
<b>Sample Date:</b> (September 25)						
Male	Avg. Length	300.0	445.0	312.5	608.8	465.0
	Std. Error		5.5	2.5	7.5	8.2
	Sample Size	1	12	2	17	1
Female	Avg. Length				570.0	
	Std. Error				8.4	
	Sample Size				5	
All Fish	Avg. Length	300.0	445.0	312.5	600.0	465.0
	Std. Error		5.5	2.5	7.0	8.2
	Sample Size	1	12	2	22	1

**Appendix Table 126. Age composition of the Tuskwa Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
	1983		1982		1981	
	0.2	1.1	0.3	1.2	1.3	Total
<b>Sample Date:</b>	<b>(September 24)</b>					
<b>Male</b>						
Sample Number	26	1	5	11	1	44
Percent	54.2	2.1	10.4	22.9	2.1	91.7
Std. Error	7.3		4.5	6.1		4.0
<b>Female</b>						
Sample Number			2		2	4
Percent			4.2		4.2	8.3
Std. Error			2.9		2.9	4.0
<b>All Fish</b>						
Sample Number	26	1	7	11	3	48
Percent	54.2	2.1	14.6	22.9	6.3	100.0
Std. Error	7.3		5.1	6.1	3.5	

**Appendix Table 127. Length composition of the Tuskwa Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
		1983		1982		1981
		0.2	1.1	0.3	1.2	1.3
<b>Sample Date:</b> (September 24)						
<b>Male</b>	Avg. Length	447.7	305.0	602.0	452.3	625.0
	Std. Error	7.3		8.2	6.5	
	Sample Size	26	1	5	11	1
<b>Female</b>	Avg. Length			567.5		560.0
	Std. Error			7.5		10.0
	Sample Size			2		2
<b>All Fish</b>	Avg. Length	447.7	305.0	592.1	452.3	581.7
	Std. Error	7.3		8.7	6.5	22.4
	Sample Size	26	1	7	11	3

**Appendix Table 128. Age composition of the Coffee's Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class							
	1984	1983		1982		1981	
	0.1	0.2	1.1	0.3	1.2	1.3	Total
<b>Sample Date:</b>	<b>(September 24)</b>						
<b>Male</b>							
Sample Number	2	12	1	2	3	1	21
Percent	8.3	50.0	4.2	8.3	12.5	4.2	87.5
Std. Error	5.8	10.4		5.8	6.9		6.9
<b>Female</b>							
Sample Number				3			3
Percent				12.5			12.5
Std. Error				6.9			6.9
<b>All Fish</b>							
Sample Number	2	12	1	5	3	1	24
Percent	8.3	50.0	4.2	20.8	12.5	4.2	100.0
Std. Error	5.8	10.4		8.5	6.9		

Appendix Table 129. Length composition of the Coffee's Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
		1984	1983	1982	1981	
		0.1	0.2	1.1	0.3	1.2
<b>Sample Date:</b> (September 24)						
<b>Male</b>	Avg. Length	210.0	426.0	300.0	610.0	443.3
	Std. Error	30.0	6.0		15.0	16.6
	Sample Size	2	12	1	2	3
<b>Female</b>	Avg. Length				541.7	
	Std. Error				24.9	
	Sample Size				3	
<b>All Fish</b>	Avg. Length	210.0	426.0	300.0	569.0	443.3
	Std. Error	30.0	6.0		22.1	16.6
	Sample Size	2	12	1	5	3

**Appendix Table 130. Age composition of the Shustahini Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class						
	1982	1981		1980		
	0.2	0.3	1.2	1.3	2.2	Total
Sample Dates:	(September 17 - 25)					
Male						
Sample Number	12	22	23	12	2	71
Percent	12.9	23.7	24.7	12.9	2.2	76.3
Std. Error	3.5	4.4	4.5	3.5	1.5	4.4
Female						
Sample Number		14		8		22
Percent		15.1		8.6		23.7
Std. Error		3.7		2.9		4.4
All Fish						
Sample Number	12	36	23	20	2	93
Percent	12.9	38.7	24.7	21.5	2.2	100.0
Std. Error	3.5	5.1	4.5	4.3	1.5	

Appendix Table 131. Length composition of the Shustahini Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
		1983	1982		1981	
		0.2	0.3	1.2	1.3	2.2
<b>Sample Dates:</b> (September 17 - 25)						
<b>Male</b>	Avg. Length	442.5	596.4	460.0	595.8	465.0
	Std. Error	4.1	9.4	5.8	9.3	25.0
	Sample Size	12	22	23	12	2
<b>Female</b>	Avg. Length		566.1		568.1	
	Std. Error		6.0		17.7	
	Sample Size		14		8	
<b>All Fish</b>	Avg. Length	442.5	584.6	460.0	584.8	465.0
	Std. Error	4.1	6.6	5.8	9.3	25.0
	Sample Size	12	36	23	20	2

Appendix Table 132. Age composition of the Chum Salmon Slough  
(Taku River) sockeye salmon escapement  
by sex and age class, 1986.

Brood Year and Age Class				
	1983	1982	1981	
	0.2	0.3	1.2	1.3
Sample Date:	(September 24)			
Male				
Sample Number			1	1
Percent			20.0	20.0
Std. Error				20.0
Female				
Sample Number	1	2	1	4
Percent	20.0	40.0	20.0	80.0
Std. Error		24.5		20.0
All Fish				
Sample Number	1	2	1	5
Percent	20.0	40.0	20.0	100.0
Std. Error		24.5		

**Appendix Table 133. Length composition of the Chum Salmon Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class				
	1983	1982	1981	
	0.2	0.3	1.2	1.3
Sample Date:	(September 24)			
Male	Avg. Length		454.0	
	Std. Error			
	Sample Size		1	
Female	Avg. Length	479.0	544.5	552.0
	Std. Error		2.5	
	Sample Size	1	2	1
All Fish	Avg. Length	479.0	544.5	454.0
	Std. Error		2.5	552.0
	Sample Size	1	2	1

**Appendix Table 134. Age composition of the Canoe Slough Slough  
(Taku River) sockeye salmon escapement  
by sex and age class, 1986.**

**Brood Year and Age Class**

**1981**

**1.3      Total**

**Sample Date: (September 17)**

**Male**

<b>Sample Number</b>	<b>1</b>	<b>1</b>
<b>Percent</b>	<b>100.0</b>	<b>100.0</b>
<b>Std. Error</b>		

**Female**

<b>Sample Number</b>	
<b>Percent</b>	
<b>Std. Error</b>	

**All Fish**

<b>Sample Number</b>	<b>1</b>	<b>1</b>
<b>Percent</b>	<b>100.0</b>	<b>100.0</b>
<b>Std. Error</b>		

**Appendix Table 135. Length composition of the Canoe Slough  
(Taku River) sockeye salmon escapement  
by sex and age class, 1986.**

---

**Brood Year and Age Class**

---

1981

---

1.3

---

**Sample Date:** (September 17)

**Male**      Avg. Length      645.0

Std. Error

Sample Size      1

**Female**      Avg. Length

Std. Error

Sample Size

**All Fish**      Avg. Length      645.0

Std. Error

Sample Size      1

---

Appendix Table 136. Age composition of the Honakta Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
	1983		1982		1981		1980
	0.2	1.1	0.3	1.2	1.3	2.3	Total
<b>Sample Dates: (Sept. 17 - 20)</b>							
<b>Male</b>							
Sample Number	11	1	6	8	4	1	31
Percent	22.9	2.1	12.5	16.7	8.3	2.1	64.6
Std. Error	6.1	2.1	4.8	5.4	4.0	2.1	7.0
<b>Female</b>							
Sample Number			13		2	2	17
Percent			27.1		4.2	4.2	35.4
Std. Error			6.5		2.9	2.9	7.0
<b>All Fish 1/</b>							
Sample Number	12	1	19	8	7	3	50
Percent	24.0	2.0	38.0	16.0	14.0	6.0	100.0
Std. Error	6.1	2.0	6.9	5.2	5.0	3.4	

1/ Includes unsexed fish totals.

Appendix Table 137. Length composition of the Honakta Slough (Taku River) sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
	1983		1982		1981	
	0.2	1.1	0.3	1.2	1.3	2.3
<b>Sample Dates:</b> (Sept. 17 - 20)						
<b>Male</b>	Avg. Length	431.8	310.0	605.0	441.9	576.3
	Std. Error	6.4		9.0	5.4	25.8
	Sample Size	11	1	6	8	4
<b>Female</b>	Avg. Length			554.2		575.0
	Std. Error			9.2		5.0
	Sample Size			13		2
<b>All Fish</b>	1/Avg. Length	430.0	310.0	570.3	441.9	570.0
	Std. Error	6.1		8.7	5.4	15.0
	Sample Size	12	1	19	8	7
						28.5
						3

1/ Includes unsexed fish totals.

**Appendix Table 138. Age composition of the Nakina River (Kuthai Lake origin) sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class					
	1982	1981	1980		
	1.2	1.3	2.2	2.3	Total
Sample Dates:	(August 2 - 13)				
<b>Male</b>					
Sample Number	14	36			50
Percent	9.5	24.3			33.8
Std. Error	2.4	3.5			3.9
<b>Female</b>					
Sample Number	62	30	3	3	98
Percent	41.9	20.3	2.0	2.0	66.2
Std. Error	4.1	3.3	1.2	1.2	3.9
<b>All Fish</b>					
Sample Number	76	66	3	3	148
Percent	51.4	44.6	2.0	2.0	100.0
Std. Error	4.1	4.1	1.2	1.2	

Appendix Table 139. Length composition of the Nakina River (Kuthai Lake origin) sockeye salmon escapement by sex and age class, 1986. 1/

Brood Year and Age Class					
		1982	1981	1980	
		-----	-----	-----	-----
		1.2	1.3	2.2	2.3

  

Sample Dates: (August 2 - 13)					
Male	Avg. Length	502.6	563.7		
	Std. Error	5.1	3.9		
	Sample Size	14	36		
Female	Avg. Length	498.1	547.8	498.7	542.0
	Std. Error	1.8	4.2	1.7	9.1
	Sample Size	62	30	3	3
All Fish	Avg. Length	498.9	556.5	498.7	542.0
	Std. Error	1.7	3.0	1.7	9.1
	Sample Size	76	66	3	3

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix Table 140. Age composition of the Nakina River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class													
	1984			1983			1982			1981			1980
	0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3		Total	
Sample Date:	(September 20)												
Male													
Sample Number	1	2	2	11	11	1	8		1	1		38	
Percent	1.9	3.8	3.8	20.8	20.8	1.9	15.1		1.9	1.9		71.7	
Std. Error	2.6	2.6	5.6	5.6			5.0					6.2	
Female													
Sample Number				6			8		1			15	
Percent				11.3			15.1		1.9			28.3	
Std. Error				4.4			5.0					6.2	
All Fish 1/													
Sample Number	1	2	2	18	14	1	20	1	1	2		62	
Percent	1.6	3.2	3.2	29.0	22.6	1.6	32.3	1.6	1.6	3.2		100.0	
Std. Error	2.3	2.3	5.8	5.4			6.0					2.3	

1/ Includes unsexed fish totals.

Appendix Table 141. Length composition of the Nakina River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class												
		1984			1983			1982			1981	1980
		0.1	0.2	1.1	0.3	1.2	2.1	1.3	1.4	2.3		
<b>Sample Date: (September 30)</b>												
Male	Avg. Length	300.0	410.0	307.5	492.7	446.8	335.0	589.4	575.0	615.0		
	Std. Error		5.0	22.5	25.9	4.6		15.4				
	Sample Size	1	2	2	11	11	1	8	1	1		
Female	Avg. Length				558.7			557.5		555.0		
	Std. Error				11.5			7.5				
	Sample Size				6			8		1		
All Fish	1/Avg. Length	300.0	410.0	307.5	516.0	446.8	335.0	573.4	575.0	585.0		
	Std. Error		5.0	22.5	18.6	4.6		9.2		30.0		
	Sample Size	1	2	2	17	11	1	16	1	2		

1/ Includes unsexed fish totals.

Appendix Table 142. Age composition of the Kuthai Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class				
	1982	1981	1980	
	1.2	1.3	2.2	2.3
Sample Date: (September 17)				
Male				
Sample Number	27	12	1	40
Percent	37.0	16.4	1.4	54.8
Std. Error	5.7	4.4		5.9
Female				
Sample Number	15	16	1	33
Percent	20.5	21.9	1.4	45.2
Std. Error	4.8	4.9		5.9
All Fish				
Sample Number	42	28	2	73
Percent	57.5	38.4	2.7	100.0
Std. Error	5.8	5.7	1.9	

Appendix Table 143. Length composition of the Kuthai Lake sockeye salmon escapement by sex and age class, 1986. 1/

Brood Year and Age Class					
		1982	1981	1980	
		1.2	1.3	2.2	2.3
<b>Sample Date: (September 17)</b>					
Male	Avg. Length	501.0	561.2	525.0	
	Std. Error	4.5	5.9		
	Sample Size	27	12	1	
Female	Avg. Length	484.6	548.4	483.0	527.0
	Std. Error	3.6	5.0		
	Sample Size	15	16	1	1
All Fish	Avg. Length	495.1	553.9	504.0	527.0
	Std. Error	3.4	3.9	21.0	
	Sample Size	42	28	2	1

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix Table 144. Age composition of the Little Trapper Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class						
	1982		1981		1980	
	0.3	1.2	1.3	2.2	2.3	Total
Sample Dates:	(August 4 - 31)					
Escapement Dates:	(August 4 - September 13)					
Male						
Sample Number	1	30	309	7	48	395
Percent	0.1	4.5	46.1	1.0	7.2	58.9
Std. Error		0.8	1.9	0.4	1.0	1.9
Number	21	618	6364	144	989	8136
Female						
Sample Number		7	211	2	56	276
Percent		1.0	31.4	0.3	8.3	41.1
Std. Error		0.4	1.8	0.2	1.1	1.9
Number		144	4346	41	1153	5684
All Fish						
Sample Number	1	37	520	9	104	671
Percent	0.1	5.5	77.5	1.3	15.5	100.0
Std. Error		0.9	1.6	0.4	1.4	
Number	21	762	10710	185	2142	13820

Appendix Table 145. Length composition of the Little Trapper Lake sockeye salmon escapement by sex and age class, 1986. 1/

Brood Year and Age Class						
		1982		1981		1980
		0.3	1.2	1.3	2.2	2.3
<b>Sample Dates:</b> (August 4 - 31)						
<b>Escapement Dates:</b> (August 4 - September 13)						
Male	Avg. Length	566.0	460.9	576.4	474.1	579.4
	Std. Error		7.3	1.0	14.7	2.7
	Sample Size	1	30	309	7	48
Female	Avg. Length		507.8	560.1	492.5	561.7
	Std. Error		6.0	1.3	5.5	2.2
	Sample Size		8	211	2	56
All Fish	Avg. Length	566.0	470.8	569.8	478.2	569.8
	Std. Error		6.7	0.9	11.6	1.9
	Sample Size	1	38	520	9	104

1/ Lengths transformed from mid-eye to fork of tail from post-orbital to hypural plate.

Appendix Table 146. Daily sockeye salmon counts and associated statistics from Little Trapper Lake Weir, western British Columbia, Canada, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 19	0	0	0.0000	0.0000
July 20	0	0	0.0000	0.0000
July 21	0	0	0.0000	0.0000
July 22	0	0	0.0000	0.0000
July 23	0	0	0.0000	0.0000
July 24	0	0	0.0000	0.0000
July 25	0	0	0.0000	0.0000
July 26	0	0	0.0000	0.0000
July 27	0	0	0.0000	0.0000
July 28	0	0	0.0000	0.0000
July 29	0	0	0.0000	0.0000
July 30	0	0	0.0000	0.0000
July 31	0	0	0.0000	0.0000
Aug. 1	0	0	0.0000	0.0000
Aug. 2	0	0	0.0000	0.0000
Aug. 3	0	0	0.0000	0.0000
Aug. 4	82	82	0.0059	0.0059
Aug. 5	364	446	0.0263	0.0323
Aug. 6	499	945	0.0361	0.0684
Aug. 7	591	1536	0.0428	0.1111
Aug. 8	426	1962	0.0308	0.1420
Aug. 9	1001	2963	0.0724	0.2144
Aug. 10	742	3705	0.0537	0.2681
Aug. 11	1274	4979	0.0922	0.3603
Aug. 12	1379	6358	0.0998	0.4601
Aug. 13	1069	7427	0.0774	0.5374
Aug. 14	665	8092	0.0481	0.5855
Aug. 15	470	8562	0.0340	0.6195
Aug. 16	420	8982	0.0304	0.6499
Aug. 17	347	9329	0.0251	0.6750
Aug. 18	368	9697	0.0266	0.7017
Aug. 19	270	9967	0.0195	0.7212
Aug. 20	176	10143	0.0127	0.7339
Aug. 21	400	10543	0.0289	0.7629
Aug. 22	408	10951	0.0295	0.7924
Aug. 23	334	11285	0.0242	0.8166
Aug. 24	497	11782	0.0360	0.8525
Aug. 25	704	12486	0.0509	0.9035
Aug. 26	316	12802	0.0229	0.9263
Aug. 27	293	13095	0.0212	0.9475
Aug. 28	165	13260	0.0119	0.9595
Aug. 29	208	13468	0.0151	0.9745
Aug. 30	50	13518	0.0036	0.9781
Aug. 31	35	13553	0.0025	0.9807
Sept. 1	72	13625	0.0052	0.9859
Sept. 2	63	13688	0.0046	0.9904
Sept. 3	20	13708	0.0014	0.9919
Sept. 4	23	13731	0.0017	0.9936
Sept. 5	37	13768	0.0027	0.9962
Sept. 6	26	13794	0.0019	0.9981
Sept. 7	11	13805	0.0008	0.9989
Sept. 8	6	13811	0.0004	0.9993
Sept. 9	4	13815	0.0003	0.9996
Sept. 10	4	13819	0.0003	0.9999
Sept. 11	1	13820	0.0001	1.0000
Sept. 12	0	13820	0.0000	1.0000
Sept. 13	0	13820	0.0000	1.0000

Mean Day of Migration = Aug. 15 Variance = 49.8 Days squared

**Appendix Table 147. Age composition of the Little Tatsamenie Lake sockeye salmon escapement by sex and age class, 1986.**

Brood Year and Age Class							
	1983	1982	1981	1980			
	0.2	0.3	1.2	1.3	2.2	2.3	
<b>Sample Dates:</b>	(August 11 - September 23)						
<b>Escapement Dates:</b>	(August 4 - September 30)						
<b>Male</b>							
Sample Number	3	2	18	238	1	57	319
Percent	0.4	0.3	2.5	32.9	0.1	7.9	44.1
Std. Error	0.2	0.2	0.6	1.7		1.0	1.8
Number	47	31	283	3743	16	896	5016
<b>Female</b>							
Sample Number	4	4	50	290	5	51	404
Percent	0.6	0.6	6.9	40.1	0.7	7.1	55.9
Std. Error	0.3	0.3	0.9	1.8	0.3	1.0	1.8
Number	63	63	786	4560	78	802	6352
<b>All Fish</b>							
Sample Number	7	6	68	528	6	108	723
Percent	1.0	0.8	9.4	73.0	0.8	14.9	100.0
Std. Error	0.4	0.3	1.1	1.7	0.3	1.3	
Number	110	94	1069	8303	94	1698	11368

Appendix Table 148. Length composition of the Little Tatsamenie Lake sockeye salmon escapement by sex and age class, 1986. 1/

Brood Year and Age Class						
	1983	1982	1981	1980		
	0.2	0.3	1.2	1.3	2.2	2.3
<b>Sample Dates:</b> (August 4 - September 23)						
<b>Escapement Dates:</b> (August 4 - September 30)						
<b>Male</b>	Avg. Length	458.7	589.0	508.8	597.2	543.0
	Std. Error	11.6	21.0	8.2	1.6	2.8
	Sample Size	3	2	18	238	1
						57
<b>Female</b>	Avg. Length	450.8	566.8	500.0	570.3	506.2
	Std. Error	6.4	7.8	4.1	1.3	20.4
	Sample Size	4	4	50	290	5
						51
<b>All Fish</b>	Avg. Length	454.1	574.2	502.4	582.4	512.3
	Std. Error	5.8	8.7	3.7	1.2	17.8
	Sample Size	7	6	68	528	6
						108

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix Table 149. Daily sockeye salmon counts and associated statistics from Little Tatsamenie Lake Weir, western British Columbia, Canada, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 4	2	2	0.0002	0.0002
Aug. 5	0	2	0.0000	0.0002
Aug. 6	0	2	0.0000	0.0002
Aug. 7	5	7	0.0004	0.0006
Aug. 8	21	28	0.0018	0.0025
Aug. 9	42	70	0.0037	0.0062
Aug. 10	78	148	0.0069	0.0130
Aug. 11	55	203	0.0048	0.0179
Aug. 12	72	275	0.0063	0.0242
Aug. 13	201	476	0.0177	0.0419
Aug. 14	270	746	0.0238	0.0656
Aug. 15	115	861	0.0101	0.0757
Aug. 16	56	917	0.0049	0.0807
Aug. 17	289	1206	0.0254	0.1061
Aug. 18	357	1563	0.0314	0.1375
Aug. 19	412	1975	0.0362	0.1737
Aug. 20	614	2589	0.0540	0.2277
Aug. 21	713	3302	0.0627	0.2905
Aug. 22	740	4042	0.0651	0.3556
Aug. 23	829	4871	0.0729	0.4285
Aug. 24	571	5442	0.0502	0.4787
Aug. 25	479	5921	0.0421	0.5208
Aug. 26	692	6613	0.0609	0.5817
Aug. 27	641	7254	0.0564	0.6381
Aug. 28	457	7711	0.0402	0.6783
Aug. 29	560	8271	0.0493	0.7276
Aug. 30	469	8740	0.0413	0.7688
Aug. 31	309	9049	0.0272	0.7960
Sept. 1	317	9366	0.0279	0.8239
Sept. 2	158	9524	0.0139	0.8378
Sept. 3	117	9641	0.0103	0.8481
Sept. 4	146	9787	0.0128	0.8609
Sept. 5	232	10019	0.0204	0.8813
Sept. 6	255	10274	0.0224	0.9038
Sept. 7	41	10315	0.0036	0.9074
Sept. 8	218	10533	0.0192	0.9265
Sept. 9	197	10730	0.0173	0.9439
Sept. 10	102	10832	0.0090	0.9529
Sept. 11	127	10959	0.0112	0.9640
Sept. 12	35	10994	0.0031	0.9671
Sept. 13	62	11056	0.0055	0.9726
Sept. 14	50	11106	0.0044	0.9770
Sept. 15	28	11134	0.0025	0.9794
Sept. 16	54	11188	0.0048	0.9842
Sept. 17	6	11194	0.0005	0.9847
Sept. 18	31	11225	0.0027	0.9874
Sept. 19	0	11225	0.0000	0.9874
Sept. 20	12	11237	0.0011	0.9885
Sept. 21	5	11242	0.0004	0.9889
Sept. 22	3	11245	0.0003	0.9892
Sept. 23	16	11261	0.0014	0.9906
Sept. 24	65	11326	0.0057	0.9963
Sept. 25	0	11326	0.0000	0.9963
Sept. 26	31	11357	0.0027	0.9990
Sept. 27	6	11363	0.0005	0.9996
Sept. 28	0	11363	0.0000	0.9996
Sept. 29	5	11368	0.0004	1.0000
Sept. 30	0	11368	0.0000	1.0000

Mean Day of Migration = Aug. 26 Variance = 67.3 Days squared

Appendix Table 150. Age composition of the Hackett River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class					
	1983	1982	1981	1980	
	0.2	0.3	1.2	1.3	2.3
Sample Dates:	(August 16 - October 1)				
Escapement Dates:	(August 4 - October 5)				
Male					
Sample Number	16	21	20	30	1
Percent	12.9	16.9	16.1	24.2	0.8
Std. Error	3.0	3.4	3.3	3.9	4.1
Number	130	170	162	243	8
					713
Female					
Sample Number	5	7	6	18	36
Percent	4.0	5.6	4.8	14.5	29.0
Std. Error	1.8	2.1	1.9	3.2	4.1
Number	40	57	49	145	291
All Fish					
Sample Number	21	28	26	48	1
Percent	16.9	22.6	21.0	38.7	0.8
Std. Error	3.4	3.8	3.7	4.4	
Number	170	227	211	388	8
					1004

Appendix Table 151. Length composition of the Hackett River sockeye salmon escapement by sex and age class, 1986. 1/

		Brood Year and Age Class				
		1983	1982	1981	1980	
		-----	-----	-----	-----	
		0.2	0.3	1.2	1.3	
		2.3				
<b>Sample Dates:</b>		(August 16 - October 1)				
<b>Escapement Dates:</b>		(August 4 - October 5)				
<b>Male</b>	Avg. Length	434.0	582.5	443.8	568.6	570.0
	Std. Error	6.3	8.6	6.2	4.2	
	Sample Size	15	21	20	30	1
<b>Female</b>	Avg. Length	444.8	582.1	464.7	570.9	
	Std. Error	19.7	20.0	7.6	3.8	
	Sample Size	5	7	6	18	
<b>All Fish</b>	Avg. Length	436.7	582.4	448.6	569.5	570.0
	Std. Error	6.6	8.0	5.3	3.0	
	Sample Size	20	28	26	48	1

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix Table 152. Daily sockeye salmon counts and associated statistics from Hackett River Weir, western British Columbia, Canada, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 3	2	2	0.0020	0.0020
Aug. 4	0	2	0.0000	0.0020
Aug. 5	1	3	0.0010	0.0030
Aug. 6	0	3	0.0000	0.0030
Aug. 7	1	4	0.0010	0.0040
Aug. 8	9	13	0.0090	0.0129
Aug. 9	15	28	0.0149	0.0279
Aug. 10	1	29	0.0010	0.0289
Aug. 11	14	43	0.0139	0.0428
Aug. 12	1	44	0.0010	0.0438
Aug. 13	16	60	0.0159	0.0598
Aug. 14	8	68	0.0080	0.0677
Aug. 15	4	72	0.0040	0.0717
Aug. 16	18	90	0.0179	0.0896
Aug. 17	14	104	0.0139	0.1036
Aug. 18	6	110	0.0060	0.1096
Aug. 19	19	129	0.0189	0.1285
Aug. 20	21	150	0.0209	0.1494
Aug. 21	38	188	0.0378	0.1873
Aug. 22	10	198	0.0100	0.1972
Aug. 23	9	207	0.0090	0.2062
Aug. 24	9	216	0.0090	0.2151
Aug. 25	35	251	0.0349	0.2500
Aug. 26	25	276	0.0249	0.2749
Aug. 27	77	353	0.0767	0.3516
Aug. 28	72	425	0.0717	0.4233
Aug. 29	8	433	0.0080	0.4313
Aug. 30	24	457	0.0239	0.4552
Aug. 31	57	514	0.0568	0.5120
Sept. 1	18	532	0.0179	0.5299
Sept. 2	30	562	0.0299	0.5598
Sept. 3	18	580	0.0179	0.5777
Sept. 4	34	614	0.0339	0.6116
Sept. 5	26	640	0.0259	0.6375
Sept. 6	14	654	0.0139	0.6514
Sept. 7	70	724	0.0697	0.7211
Sept. 8	25	749	0.0249	0.7460
Sept. 9	66	815	0.0657	0.8118
Sept. 10	6	821	0.0060	0.8177
Sept. 11	6	827	0.0060	0.8237
Sept. 12	3	830	0.0030	0.8267
Sept. 13	1	831	0.0010	0.8277
Sept. 14	2	833	0.0020	0.8297
Sept. 15	0	833	0.0000	0.8297
Sept. 16	0	833	0.0000	0.8297
Sept. 17	11	844	0.0110	0.8406
Sept. 18	7	851	0.0070	0.8476
Sept. 19	35	886	0.0349	0.8825
Sept. 20	41	927	0.0408	0.9233
Sept. 21	34	961	0.0339	0.9572
Sept. 22	17	978	0.0169	0.9741
Sept. 23	13	991	0.0129	0.9871
Sept. 24	4	995	0.0040	0.9910
Sept. 25	2	997	0.0020	0.9930
Sept. 26	0	997	0.0000	0.9930
Sept. 27	0	997	0.0000	0.9930
Sept. 28	0	997	0.0000	0.9930
Sept. 29	1	998	0.0010	0.9940
Sept. 30	3	1001	0.0030	0.9970
Oct. 1	0	1001	0.0000	0.9970
Oct. 2	0	1001	0.0000	0.9970
Oct. 3	0	1001	0.0000	0.9970
Oct. 4	3	1004	0.0030	1.0000
Oct. 5	0	1004	0.0000	1.0000
Oct. 6	0	1004	0.0000	1.0000
Oct. 7	0	1004	0.0000	1.0000
Oct. 8	0	1004	0.0000	1.0000

Mean Day of Migration = Sept. 2 Variance = 139.1 Days squared

Appendix Table 153. Age composition of the Speel Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class									
	1983		1982		1981		1980		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3		Total
Sample Dates:	July 24 - August 6								
Escapement Dates:	July 24 - August 6								
Male									
Sample Number	3		275	53	7	1	7	346	
Percent	0.6		59.1	11.4	1.5	0.2	1.5	74.4	
Std. Error	0.4		2.3	1.5	0.6		0.6	2.0	
Number	13		1152	222	29	4	29	1449	
Female									
Sample Number		30	83			6		119	
Percent		6.5	17.8			1.3		25.6	
Std. Error		1.1	1.8			0.5		2.0	
Number		126	348			25		499	
All Fish									
Sample Number	3		305	136	7	1	13	465	
Percent	0.6		65.6	29.2	1.5	0.2	2.8	100.0	
Std. Error	0.4		2.2	2.1	0.6		0.8		
Number	13		1278	570	29	4	54	1948	
Sample Dates:	August 7 - 25								
Escapement Dates:	August 7 - 29								
Male									
Sample Number		1	127	106	2		7	243	
Percent		0.2	31.2	26.0	0.5		1.7	59.7	
Std. Error			2.3	2.2	0.3		0.6	2.4	
Number		10	1220	1018	18		68	2334	
Female									
Sample Number		30	128			6		164	
Percent		7.4	31.4			1.5		40.3	
Std. Error		1.3	2.3			0.6		2.4	
Number		288	1229			58		1575	
All Fish									
Sample Number		1	157	234	2		13	407	
Percent		0.2	38.6	57.5	0.5		3.2	100.0	
Std. Error			2.4	2.5	0.3		0.9		
Number		10	1508	2247	18		126	3909	
Combined Periods (Percentages are weighted by period escapements)									
Male									
Sample Number	3	1	402	159	9	1	14	589	
Percent	0.2	0.2	40.5	21.2	0.8	0.1	1.6	64.6	
Std. Error	0.1		1.7	1.5	0.3		0.5	1.8	
Number	13	10	2372	1240	47	4	97	3783	
Female									
Sample Number		60	211			12		283	
Percent		7.1	26.9			1.4		35.4	
Std. Error		0.9	1.6			0.4		1.8	
Number		414	1577			83		2074	
All Fish									
Sample Number	3	1	462	370	9	1	26	872	
Percent	0.2	0.2	47.6	48.1	0.8	0.1	3.1	100.0	
Std. Error	0.1		1.8	1.8	0.3		0.6		
Number	13	10	2786	2817	47	4	180	5857	

Appendix Table 154. Length composition of the Speel Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

		Brood Year and Age Class							
		1983		1982		1981		1980	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	
Sample Dates:	(July 24 - August 6)								
Escapement Dates:	(July 24 - August 6)								
Male	Avg. Length	443.3		456.0	566.4	451.4	615.0	556.4	
	Std. Error	4.4		2.2	6.5	5.1		21.9	
	Sample Size	3		275	53	7	1	7	
Female	Avg. Length			485.7	569.1			573.3	
	Std. Error			5.3	2.2			9.3	
	Sample Size			30	83			6	
All Fish	Avg. Length	443.3		459.0	568.1	451.4	615.0	564.2	
	Std. Error	4.4		2.1	2.8	5.1		12.3	
	Sample Size	3		305	136	7	1	13	
Sample Dates:	(August 7 - 25)								
Escapement Dates:	(August 7 - 29)								
Male	Avg. Length		550.0	467.2	595.6	485.0		610.7	
	Std. Error			2.4	3.1	35.0		8.5	
	Sample Size		1	127	106	2		7	
Female	Avg. Length			510.3	572.7			586.7	
	Std. Error			2.6	2.1			7.1	
	Sample Size			30	128			6	
All Fish	Avg. Length		550.0	475.4	583.1	485.0		599.6	
	Std. Error			2.4	2.0	35.0		6.4	
	Sample Size		1	157	234	2		13	
<hr/>									
Combined Periods (Unweighted)									
Male	Avg. Length	443.3	550.0	459.6	585.9	458.9	615.0	583.6	
	Std. Error	4.4		1.7	3.2	8.6		13.6	
	Sample Size	3	1	402	159	9	1	14	
Female	Avg. Length			498.0	571.3			580.0	
	Std. Error			3.4	1.5			5.9	
	Sample Size			60	211			12	
All Fish	Avg. Length	443.3	550.0	464.6	577.5	458.9	615.0	581.9	
	Std. Error	4.4		1.7	1.7	8.6		7.7	
	Sample Size	3	1	462	370	9	1	26	

Appendix Table 155. Daily sockeye salmon counts and associated statistics from Speel Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 19	0	0	0.0000	0.0000
July 20	0	0	0.0000	0.0000
July 21	0	0	0.0000	0.0000
July 22	0	0	0.0000	0.0000
July 23	0	0	0.0000	0.0000
July 24	11	11	0.0019	0.0019
July 25	0	11	0.0000	0.0019
July 26	246	257	0.0420	0.0439
July 27	176	433	0.0300	0.0739
July 28	30	463	0.0051	0.0791
July 29	73	536	0.0125	0.0915
July 30	10	546	0.0017	0.0932
July 31	110	656	0.0188	0.1120
Aug. 1	123	779	0.0210	0.1330
Aug. 2	135	914	0.0230	0.1561
Aug. 3	25	939	0.0043	0.1603
Aug. 4	175	1114	0.0299	0.1902
Aug. 5	337	1451	0.0575	0.2477
Aug. 6	497	1948	0.0849	0.3326
Aug. 7	230	2178	0.0393	0.3719
Aug. 8	220	2398	0.0376	0.4094
Aug. 9	39	2437	0.0067	0.4161
Aug. 10	649	3086	0.1108	0.5269
Aug. 11	269	3355	0.0459	0.5728
Aug. 12	12	3367	0.0020	0.5749
Aug. 13	2140	5507	0.3654	0.9402
Aug. 14	18	5525	0.0031	0.9433
Aug. 15	0	5525	0.0000	0.9433
Aug. 16	0	5525	0.0000	0.9433
Aug. 17	18	5543	0.0031	0.9464
Aug. 18	32	5575	0.0055	0.9519
Aug. 19	112	5687	0.0191	0.9710
Aug. 20	28	5715	0.0048	0.9758
Aug. 21	23	5738	0.0039	0.9797
Aug. 22	6	5744	0.0010	0.9807
Aug. 23	30	5774	0.0051	0.9858
Aug. 24	16	5790	0.0027	0.9886
Aug. 25	13	5803	0.0022	0.9908
Aug. 26	18	5821	0.0031	0.9939
Aug. 27	6	5827	0.0010	0.9949
Aug. 28	0	5827	0.0000	0.9949
Aug. 29	30	5857	0.0051	1.0000

Mean Day of Migration = Aug. 9 Variance = 38.5 Days squared

Appendix Table 156. Age composition of the Crescent Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class										
	1983		1982		1981		1980		1979	
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
<b>Escapement Dates:</b> (July 15 - August 3)										
<b>Sample Dates:</b> (July 15 - August 3)										
<b>Male</b>										
Sample Number	1	1	47		170	1	3	11		234
Percent	0.2	0.2	11.5		41.8	0.2	0.7	2.7		57.5
Std. Error	0.2	0.2	1.6		2.4	0.2	0.4	0.8		2.5
Number	4	4	183		661	4	12	43		911
<b>Female</b>										
Sample Number		1	5		146	2	3	16		173
Percent		0.2	1.2		35.9	0.5	0.7	3.9		42.5
Std. Error		0.2	0.5		2.4	0.3	0.4	1.0		2.5
Number		4	19		569	8	12	62		674
<b>All Fish 1/</b>										
Sample Number	1	2	55		320	3	6	27		414
Percent	0.2	0.5	13.3		77.3	0.7	1.4	6.5		100.0
Std. Error	0.2	0.3	1.7		2.1	0.4	0.6	1.2		
Number	4	8	214		1245	12	24	105		1612
<b>Escapement Dates:</b> (August 4 - 28)										
<b>Sample Dates:</b> (August 4 - 27)										
<b>Male</b>										
Sample Number	1		68		101	4		17		191
Percent	0.2		16.5		24.5	1.0		4.1		46.4
Std. Error	0.2		1.8		2.1	0.5		1.0		2.5
Number	4		296		440	17		74		831
<b>Female</b>										
Sample Number		1	6	1	185			27	1	221
Percent		0.2	1.5	0.2	44.9			6.6	0.2	53.6
Std. Error		0.2	0.6	0.2	2.5			1.2	0.2	2.5
Number		4	26	4	806			118	4	962
<b>All Fish</b>										
Sample Number	1	1	74	1	286	4		44	1	412
Percent	0.2	0.2	18.0	0.2	69.4	1.0		10.7	0.2	100.0
Std. Error	0.2	0.2	1.9	0.2	2.3	0.5		1.5	0.2	
Number	4	4	322	4	1246	17		192	4	1793
<b>Combined Periods (Percentages are weighted by period escapements)</b>										
<b>Male</b>										
Sample Number	2	1	115		271	5	3	28		425
Percent	0.2	0.1	14.2		32.6	0.6	0.3	3.5		51.6
Std. Error	0.2	0.1	1.2		1.6	0.3	0.2	0.6		1.7
Number	8	4	479		1101	21	12	117		1742
<b>Female</b>										
Sample Number		2	11	1	331	2	3	43	1	394
Percent		0.2	1.3	0.1	40.7	0.2	0.3	5.3	0.1	48.4
Std. Error		0.2	0.4	0.1	1.7	0.2	0.2	0.8	0.1	1.7
Number		8	45	4	1375	8	12	180	4	1636
<b>All Fish 1/</b>										
Sample Number	2	3	129	1	606	7	6	71	1	826
Percent	0.2	0.4	15.7	0.1	73.1	0.9	0.7	8.7	0.1	100.0
Std. Error	0.2	0.2	1.3	0.1	1.5	0.3	0.3	1.0	0.1	
Number	8	12	536	4	2491	29	24	297	4	3405

1/ Includes unsexed fish totals.

Appendix Table 157. Length composition of the Crescent Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class										
		1983		1982		1981		1980		1979
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4
<b>Sample Dates:</b> (July 15 - August 3)										
<b>Escapement Dates:</b> (July 15 - August 3)										
Male	Avg. Length	450.0	605.0	446.9		589.8	425.0	620.0	582.7	
	Std. Error			3.7		2.5		7.6	7.4	
	Sample Size	1	1	47		170	1	3	11	
Female	Avg. Length		545.0	480.0		569.5	490.0	580.0	563.4	
	Std. Error			36.4		1.8	5.0	7.6	4.7	
	Sample Size		1	5		146	2	3	16	
All Fish	Avg. Length	450.0	575.0	448.8		580.6	468.3	600.0	571.3	
	Std. Error		30.0	4.6		1.7	21.9	10.2	4.4	
	Sample Size	1	2	55		320	3	6	27	
<b>Sample Dates:</b> (August 4 - 27)										
<b>Escapement Dates:</b> (August 4 - 28)										
Male	Avg. Length	430.0		432.7		590.5	450.0		582.9	
	Std. Error			3.1		2.1	5.4		5.4	
	Sample Size	1		68		101	4		17	
Female	Avg. Length		570.0	501.7	595.0	561.7		557.0	540.0	
	Std. Error			12.5		1.8		3.6		
	Sample Size		1	6	1	184		27	1	
All Fish	Avg. Length	430.0	570.0	438.3	595.0	571.9	450.0		567.0	
	Std. Error			3.7		1.6	5.4		3.6	
	Sample Size	1	1	74	1	285	4		44	
<b>Combined Periods (Unweighted)</b>										
Male	Avg. Length	440.0	605.0	438.5		590.0	445.0	620.0	582.9	
	Std. Error	10.0		2.5		1.7	6.5	7.6	4.3	
	Sample Size	2	1	115		271	5	3	28	
Female	Avg. Length		557.5	491.8	595.0	565.2	490.0	580.0	559.4	
	Std. Error		12.5	17.2		1.3	5.0	7.6	2.8	
	Sample Size		2	11	1	330	2	3	43	
All Fish	Avg. Length	440.0	573.3	442.8	595.0	576.5	457.9	600.0	568.7	
	Std. Error	10.0	17.4	2.9		1.2	9.5	10.2	2.8	
	Sample Size	2	3	129	1	605	7	6	71	

Appendix Table 158. Daily sockeye salmon counts and associated statistics from Crescent Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July 13	0	0	0.0000	0.0000
July 14	0	0	0.0000	0.0000
July 15	94	94	0.0276	0.0276
July 16	9	103	0.0026	0.0302
July 17	1	104	0.0003	0.0305
July 18	20	124	0.0059	0.0364
July 19	9	133	0.0026	0.0391
July 20	8	141	0.0023	0.0414
July 21	21	162	0.0062	0.0476
July 22	14	176	0.0041	0.0517
July 23	28	204	0.0082	0.0599
July 24	27	231	0.0079	0.0678
July 25	115	346	0.0338	0.1016
July 26	163	509	0.0479	0.1495
July 27	205	714	0.0602	0.2097
July 28	143	857	0.0420	0.2517
July 29	216	1073	0.0634	0.3151
July 30	190	1263	0.0558	0.3709
July 31	160	1423	0.0470	0.4179
Aug. 1	113	1536	0.0332	0.4511
Aug. 2	61	1597	0.0179	0.4690
Aug. 3	15	1612	0.0044	0.4734
Aug. 4	66	1678	0.0194	0.4928
Aug. 5	13	1691	0.0038	0.4966
Aug. 6	22	1713	0.0065	0.5031
Aug. 7	1	1714	0.0003	0.5034
Aug. 8	0	1714	0.0000	0.5034
Aug. 9	36	1750	0.0106	0.5140
Aug. 10	1	1751	0.0003	0.5142
Aug. 11	26	1777	0.0076	0.5219
Aug. 12	8	1785	0.0023	0.5242
Aug. 13	179	1964	0.0526	0.5768
Aug. 14	18	1982	0.0053	0.5821
Aug. 15	8	1990	0.0023	0.5844
Aug. 16	2	1992	0.0006	0.5850
Aug. 17	90	2082	0.0264	0.6115
Aug. 18	2	2084	0.0006	0.6120
Aug. 19	75	2159	0.0220	0.6341
Aug. 20	135	2294	0.0396	0.6737
Aug. 21	143	2437	0.0420	0.7157
Aug. 22	95	2532	0.0279	0.7436
Aug. 23	715	3247	0.2100	0.9536
Aug. 24	14	3261	0.0041	0.9577
Aug. 25	44	3305	0.0129	0.9706
Aug. 26	12	3317	0.0035	0.9742
Aug. 27	66	3383	0.0194	0.9935
Aug. 28	22	3405	0.0065	1.0000

Mean Day of Migration = Aug. 9 Variance = 161.4 Days squared

Appendix Table 159. Age composition of the Auke Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class						
	1983	1982		1981		1980
	1.1	1.2	2.1	1.3	2.2	2.3
Escapement Dates:	(June 24 - September 10)					
Sample Dates:	(June 24 - August 11)					
<b>Male</b>						
Sample Number	2	21	25	14	156	17
Percent	0.5	5.2	6.2	3.5	38.8	4.2
Std. Error	0.4	1.1	1.2	0.9	2.4	1.0
Number	5	50	59	33	369	40
						556
<b>Female</b>						
Sample Number		7		14	115	31
Percent		1.7		3.5	28.6	7.7
Std. Error		0.7		0.9	2.3	1.3
Number		16		33	272	74
						395
<b>All Fish 1/</b>						
Sample Number	2	28	25	28	272	48
Percent	0.5	6.9	6.2	6.9	67.5	11.9
Std. Error	0.4	1.3	1.2	1.3	2.3	1.6
Number	5	66	59	66	644	114
						954

1/ Includes unsexed fish totals.

Appendix Table 160. Length composition of the Auke Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class							
		1983	1982	1981	1980		
		1.1	1.2	2.1	1.3	2.2	2.3
<b>Escapement Dates:</b> (June 24 - September 10)							
<b>Sample Dates:</b> (June 24 - August 11)							
Male	Avg. Length	305.0	490.5	321.4	559.6	491.4	557.4
	Std. Error	15.0	8.7	6.9	4.8	2.8	7.6
	Sample Size	2	21	25	14	153	17
Female	Avg. Length		487.1		545.7	492.0	551.8
	Std. Error		17.6		3.5	2.5	3.5
	Sample Size		7		14	115	31
All Fish	Avg. Length	305.0	489.6	321.4	552.7	491.7	553.8
	Std. Error	15.0	7.7	6.9	3.2	1.9	3.5
	Sample Size	2	28	25	28	268	48

Appendix Table 161. Daily sockeye salmon counts and associated statistics from Auke Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 24	7	7	0.0073	0.0073
June 25	21	28	0.0220	0.0294
June 26	0	28	0.0000	0.0294
June 27	2	30	0.0021	0.0314
June 28	0	30	0.0000	0.0314
June 29	0	30	0.0000	0.0314
June 30	0	30	0.0000	0.0314
July 1	0	30	0.0000	0.0314
July 2	5	35	0.0052	0.0367
July 3	0	35	0.0000	0.0367
July 4	0	35	0.0000	0.0367
July 5	0	35	0.0000	0.0367
July 6	0	35	0.0000	0.0367
July 7	0	35	0.0000	0.0367
July 8	0	35	0.0000	0.0367
July 9	0	35	0.0000	0.0367
July 10	0	35	0.0000	0.0367
July 11	0	35	0.0000	0.0367
July 12	0	35	0.0000	0.0367
July 13	0	35	0.0000	0.0367
July 14	0	35	0.0000	0.0367
July 15	0	35	0.0000	0.0367
July 16	0	35	0.0000	0.0367
July 17	0	35	0.0000	0.0367
July 18	0	35	0.0000	0.0367
July 19	0	35	0.0000	0.0367
July 20	0	35	0.0000	0.0367
July 21	0	35	0.0000	0.0367
July 22	0	35	0.0000	0.0367
July 23	0	35	0.0000	0.0367
July 24	312	347	0.3270	0.3637
July 25	208	555	0.2180	0.5818
July 26	25	580	0.0262	0.6080
July 27	35	615	0.0367	0.6447
July 28	39	654	0.0409	0.6855
July 29	5	659	0.0052	0.6908
July 30	0	659	0.0000	0.6908
July 31	0	659	0.0000	0.6908
Aug. 1	0	659	0.0000	0.6908
Aug. 2	2	661	0.0021	0.6929
Aug. 3	3	664	0.0031	0.6960
Aug. 4	33	697	0.0346	0.7306
Aug. 5	105	802	0.1101	0.8407
Aug. 6	53	855	0.0556	0.8962
Aug. 7	19	874	0.0199	0.9161
Aug. 8	3	877	0.0031	0.9193
Aug. 9	1	878	0.0010	0.9203
Aug. 10	0	878	0.0000	0.9203
Aug. 11	12	890	0.0126	0.9329
Aug. 12	13	903	0.0136	0.9465
Aug. 13	19	922	0.0199	0.9665
Aug. 14	6	928	0.0063	0.9727
Aug. 15	0	928	0.0000	0.9727
Aug. 16	2	930	0.0021	0.9748
Aug. 17	5	935	0.0052	0.9801
Aug. 18	2	937	0.0021	0.9822
Aug. 19	1	938	0.0010	0.9832
Aug. 20	0	938	0.0000	0.9832
Aug. 21	0	938	0.0000	0.9832
Aug. 22	0	938	0.0000	0.9832
Aug. 23	2	940	0.0021	0.9853
Aug. 24	0	940	0.0000	0.9853
Aug. 25	1	941	0.0010	0.9864
Aug. 26	0	941	0.0000	0.9864
Aug. 27	2	941	0.0000	0.9864
Aug. 28	0	941	0.0000	0.9864
Aug. 29	7	948	0.0073	0.9937
Aug. 30	0	948	0.0000	0.9937
Aug. 31	1	949	0.0010	0.9948
Sept. 1	1	950	0.0010	0.9958
Sept. 2	2	952	0.0021	0.9979
Sept. 3	0	952	0.0000	0.9979
Sept. 4	0	952	0.0000	0.9979
Sept. 5	0	952	0.0000	0.9979
Sept. 6	0	952	0.0000	0.9979
Sept. 7	1	953	0.0010	0.9990
Sept. 8	0	953	0.0000	0.9990
Sept. 9	0	953	0.0000	0.9990
Sept. 10	1	954	0.0010	1.0000

Mean Day of Migration = July 28 Variance = 96.7 Days squared

Appendix Table 162. Age composition of the Steep Creek sockeye salmon escapement by sex and age class, 1986.

	Brood Year and Age Class										
	1983		1982			1981		1980		1979	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.3	Total
<b>Sample Dates: (August 9 - 19)</b>											
<b>Male</b>											
Sample Number	9	6	7	66	1	40	5		6	140	
Percent	3.1	2.1	2.4	23.0	0.3	13.9	1.7		2.1	48.8	
Std. Error	1.0	0.8	0.9	2.5	0.3	2.0	0.8		0.8	3.0	
<b>Female</b>											
Sample Number	2		15	40		73	6	1	9	1	
Percent	0.7		5.2	13.9		25.4	2.1	0.3	3.1	0.3	
Std. Error	0.5		1.3	2.0		2.6	0.8	0.3	1.0	3.0	
<b>All Fish 1/</b>											
Sample Number	11	6	22	108	1	114	11	1	15	1	
Percent	3.8	2.1	7.6	37.2	0.3	39.3	3.8	0.3	5.2	0.3	
Std. Error	1.1	0.8	1.6	2.8	0.3	2.9	1.1	0.3	1.3	0.3	

1/ Includes unsexed fish totals.

Appendix Table 163. Length composition of the Steep Creek sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class											
	1983			1982			1981		1980		1979
	0.2	1.1	0.3	1.2	2.1		1.3	2.2	1.4	2.3	3.3
<b>Sample Dates: (August 9 - 19)</b>											
Male	Avg. Length	513.3	403.3	582.9	521.6	450.0	557.6	553.0	582.5		
	Std. Error	23.8	43.0	7.5	8.5		8.5	18.6		8.6	
	Sample Size	9	6	7	66	1	40	5		6	
Female	Avg. Length	500.0		537.9	535.7		544.7	545.0	550.0	558.8	575.0
	Std. Error	70.0		10.4	8.3		3.5	17.2		10.2	
	Sample Size	2		12	40		73	6	1	8	1
All Fish	1/Avg. Length	510.9	403.3	554.5	527.0	450.0	549.7	548.6	550.0	568.9	575.0
	Std. Error	21.5	43.0	8.7	6.0		3.8	12.0		7.4	
	Sample Size	11	6	19	108	1	114	11	1	14	1

1/ Includes unsexed fish totals.

Appendix Table 164. Age composition of the Redoubt Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

	Brood Year and Age Class											Total	
	1983		1982		1981		1980		1979				
	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3		
<b>Escapement Dates: (June 25 - July 12)</b>													
<b>Sample Dates: (July 1 - 12)</b>													
<b>Male</b>													
Sample Number		28			9	21		32				90	
Percent		14.7			4.7	11.0		16.8				47.1	
Std. Error		2.6			1.5	2.3		2.7				3.6	
Number		321			103	241		366				1031	
<b>Female</b>													
Sample Number		35		1	16	12		37				101	
Percent		18.3		0.5	8.4	6.3		19.4				52.9	
Std. Error		2.8		0.5	2.0	1.8		2.9				3.6	
Number		401		11	183	137		424				1156	
<b>All Fish</b>													
Sample Number		63		1	25	33		69				191	
Percent		33.0		0.5	13.1	17.3		36.1				100.0	
Std. Error		3.4		0.5	2.4	2.7		3.5					
Number		722		11	286	378		790				2187	
<b>Escapement Dates: (July 13 - 26)</b>													
<b>Sample Dates: (July 13 - 26)</b>													
<b>Male</b>													
Sample Number	1		41		5	33	51	1	112	1	2	3	250
Percent	0.2		9.5		1.2	7.7	11.9	0.2	26.0	0.2	0.5	0.7	58.1
Std. Error	0.2		1.4		0.5	1.3	1.6	0.2	2.1	0.2	0.3	0.4	2.4
Number	8		338		41	272	420	8	922	8	16	25	2058
<b>Female</b>													
Sample Number		40		2	18	30		88			2	180	
Percent		9.3		0.5	4.2	7.0		20.5			0.5	41.9	
Std. Error		1.4		0.3	1.0	1.2		1.9			0.3	2.4	
Number		329		17	148	247		724			16	1481	
<b>All Fish</b>													
Sample Number	1		81		7	51	81	1	200	1	2	5	430
Percent	0.2		18.8		1.6	11.9	18.8	0.2	46.5	0.2	0.5	1.2	100.0
Std. Error	0.2		1.9		0.6	1.6	1.9	0.2	2.4	0.2	0.3	0.5	
Number	8		667		58	420	667	8	1646	8	16	41	3539
<b>Escapement Dates: (July 27 - August 9)</b>													
<b>Sample Dates: (July 28 - August 9)</b>													
<b>Male</b>													
Sample Number	4		23		11	20	78		134	6	2	278	
Percent	0.9		5.4		2.6	4.7	18.3		31.4	1.4	0.5	65.1	
Std. Error	0.5		1.1		0.8	1.0	1.9		2.2	0.6	0.3	2.3	
Number	24		135		65	118	458		788	35	12	1635	
<b>Female</b>													
Sample Number	1		1		18	2	13	37		67	9	1	149
Percent	0.2		0.2		4.2	0.5	3.0	8.7		15.7	2.1	0.2	34.9
Std. Error	0.2		0.2		1.0	0.3	0.8	1.4		1.8	0.7	0.2	2.3
Number	6		6		106	11	76	218		394	53	6	876
<b>All Fish 1/</b>													
Sample Number	5		1		41	14	33	115		201	15	3	428
Percent	1.2		0.2		9.6	3.3	7.7	26.9		47.0	3.5	0.7	100.0
Std. Error	0.5		0.2		1.4	0.9	1.3	2.1		2.4	0.9	0.4	
Number	30		6		241	82	194	676		1182	88	18	2517
<b>Escapement Dates: (August 10 - 28)</b>													
<b>Sample Dates: (August 10 - 22)</b>													
<b>Male</b>													
Sample Number	3		15		4	15	41		83	2	1	164	
Percent	1.3		6.4		1.7	6.4	17.4		35.2	0.8	0.4	69.5	
Std. Error	0.7		1.6		0.8	1.6	2.5		3.1	0.6	0.4	3.0	
Number	15		75		20	74	203		412	10	5	814	
<b>Female</b>													
Sample Number		8			7	13		41		3		72	
Percent		3.4			3.0	5.5		17.4		1.3		30.5	
Std. Error		1.2			1.1	1.5		2.5		0.7		3.0	
Number		40			34	65		203		15		357	
<b>All Fish</b>													
Sample Number	3		23		4	22	54		124	5	1	236	
Percent	1.3		9.7		1.7	9.3	22.9		52.5	2.1	0.4	100.0	
Std. Error	0.7		1.9		0.8	1.9	2.7		3.3	0.9	0.5		
Number	15		114		20	109	268		615	25	5	1171	
<b>Combined Periods (Percentages are weighted by period escapements)</b>													
<b>Male</b>													
Sample Number	8		107		20	77	191	1	361	9	2	6	782
Percent	0.5		9.2		1.3	6.0	14.1	0.1	26.4	0.6	0.2	0.4	58.9
Std. Error	0.2		0.9		0.3	0.7	1.0	0.1	1.2	0.2	0.1	0.2	1.4
Number	47		868		126	568	1322	8	2488	53	16	42	5538
<b>Female</b>													
Sample Number	1		101		5	54	92		233	12		3	502
Percent	0.1		9.3		0.4	4.7	7.1		18.6	0.7		0.2	41.1
Std. Error	0.1		0.9		0.2	0.6	0.7		1.1	0.2		0.1	1.4
Number	6		876		39	441	667		1745	68		22	3870
<b>All Fish 1/</b>													
Sample Number	9		208		26	131	283	1	594	21	2	9	1285
Percent	0.6		18.5		1.8	10.7	21.1	0.1	45.0	1.3	0.2	0.7	100.0
Std. Error	0.2		1.2		0.4	0.9	1.2	0.1	1.4	0.3	0.1	0.2	
Number	53		1744		171	1009	1989	8	4233	121	16	64	9414

1/ Includes unsexed fish totals.

Appendix Table 165. Length composition of the Redoubt Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class												
		1983		1982		1981		1980		1979		
		1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3
<b>Escapement Dates: (July 27 - August 9)</b>												
<b>Sample Dates: (July 28 - August 9)</b>												
Male	Avg. Length	369.6		514.1	385.4	571.5	508.6	594.0	564.9	510.1	595.5	563.2
	Std. Error	8.4		5.1	5.7	3.2	2.8		1.5	8.6	29.5	10.0
	Sample Size	5		92	16	62	150	1	278	7	2	5
Female	Avg. Length	387.0	533.0	500.1	385.0	549.6	493.9		544.5	496.8		513.7
	Std. Error			2.6	5.8	3.3	3.2		1.7	7.9		14.1
	Sample Size	1	1	93	5	47	79		192	9		3
All Fish	Avg. Length	372.5	533.0	507.1	385.3	562.0	503.5	594.0	556.5	502.6	595.5	544.6
	Std. Error	7.5		2.9	4.5	2.5	2.2		1.2	5.9	29.5	11.8
	Sample Size	6	1	185	21	109	229	1	470	16	2	8
<b>Escapement Dates: (August 10 - 28)</b>												
<b>Sample Dates: (August 10 - 22)</b>												
Male	Avg. Length	378.3		473.6	375.0	565.9	494.6		573.5	541.5		540.0
	Std. Error	8.8		13.9	4.8	7.9	7.4		2.4	8.5		
	Sample Size	3		15	4	15	41		83	2		1
Female	Avg. Length			504.3		544.9	499.4		548.8	480.3		
	Std. Error			11.0		7.3	5.3		2.3	10.4		
	Sample Size			8		7	13		41	3		
All Fish	Avg. Length	378.3		484.3	375.0	559.2	495.8		565.3	504.8		540.0
	Std. Error	8.8		10.2	4.8	6.2	5.7		2.1	16.2		
	Sample Size	3		23	4	22	54		124	5		1
<b>Combined Periods (Unweighted)</b>												
Male	Avg. Length	372.9		508.4	383.4	570.4	505.6	594.0	566.8	517.1	595.5	559.3
	Std. Error	6.0		4.9	4.7	3.0	2.7		1.3	8.1	29.5	9.1
	Sample Size	8		107	20	77	191	1	361	9	2	6
Female	Avg. Length	387.0	533.0	500.4	385.0	549.0	494.7		545.3	492.7		513.7
	Std. Error			2.6	5.8	3.0	2.8		1.5	6.6		14.1
	Sample Size	1	1	101	5	54	92		233	12		3
All Fish	Avg. Length	374.4	533.0	504.5	383.7	561.6	502.1	594.0	558.4	503.1	595.5	544.1
	Std. Error	5.5		2.8	3.9	2.3	2.1		1.1	5.7	29.5	10.4
	Sample Size	9	1	208	25	131	283	1	594	21	2	9

Appendix Table 166. Daily sockeye salmon counts and associated statistics from Redoubt Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 25	0	0	0.0000	0.0000
June 26	0	0	0.0000	0.0000
June 27	0	0	0.0000	0.0000
June 28	0	0	0.0000	0.0000
June 29	0	0	0.0000	0.0000
June 30	0	0	0.0000	0.0000
July 1	2	2	0.0002	0.0002
July 2	0	2	0.0000	0.0002
July 3	19	21	0.0020	0.0022
July 4	1	22	0.0001	0.0023
July 5	4	26	0.0004	0.0028
July 6	20	46	0.0021	0.0049
July 7	473	519	0.0502	0.0551
July 8	452	971	0.0480	0.1031
July 9	76	1047	0.0081	0.1112
July 10	998	2045	0.1060	0.2172
July 11	134	2179	0.0142	0.2315
July 12	8	2187	0.0008	0.2323
July 13	1	2188	0.0001	0.2324
July 14	115	2303	0.0122	0.2446
July 15	78	2381	0.0083	0.2529
July 16	102	2483	0.0108	0.2638
July 17	320	2803	0.0340	0.2977
July 18	149	2952	0.0158	0.3136
July 19	224	3176	0.0238	0.3374
July 20	460	3636	0.0489	0.3862
July 21	214	3850	0.0227	0.4090
July 22	233	4083	0.0248	0.4337
July 23	395	4478	0.0420	0.4757
July 24	199	4677	0.0211	0.4968
July 25	492	5169	0.0523	0.5491
July 26	557	5726	0.0592	0.6082
July 27	321	6047	0.0341	0.6423
July 28	334	6381	0.0355	0.6778
July 29	261	6642	0.0277	0.7055
July 30	155	6797	0.0165	0.7220
July 31	129	6926	0.0137	0.7357
Aug. 1	48	6974	0.0051	0.7408
Aug. 2	176	7150	0.0187	0.7595
Aug. 3	183	7333	0.0194	0.7789
Aug. 4	37	7370	0.0039	0.7829
Aug. 5	213	7583	0.0226	0.8055
Aug. 6	223	7806	0.0237	0.8292
Aug. 7	118	7924	0.0125	0.8417
Aug. 8	67	7991	0.0071	0.8488
Aug. 9	252	8243	0.0268	0.8756
Aug. 10	71	8314	0.0075	0.8832
Aug. 11	19	8333	0.0020	0.8852
Aug. 12	54	8387	0.0057	0.8909
Aug. 13	107	8494	0.0114	0.9023
Aug. 14	21	8515	0.0022	0.9045
Aug. 15	137	8652	0.0146	0.9191
Aug. 16	93	8745	0.0099	0.9289
Aug. 17	65	8810	0.0069	0.9358
Aug. 18	140	8950	0.0149	0.9507
Aug. 19	35	8985	0.0037	0.9544
Aug. 20	90	9075	0.0096	0.9640
Aug. 21	129	9204	0.0137	0.9777
Aug. 22	58	9262	0.0062	0.9839
Aug. 23	35	9297	0.0037	0.9876
Aug. 24	53	9350	0.0056	0.9932
Aug. 25	22	9372	0.0023	0.9955
Aug. 26	5	9377	0.0005	0.9961
Aug. 27	10	9387	0.0011	0.9971
Aug. 28	27	9414	0.0029	1.0000

Mean Day of Migration = July 25 Variance = 162.9 Days squared

Appendix Table 167. Age composition of the Ford Arm Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
	1983	1982		1981		1980	
	1.1	0.3	1.2	2.1	1.3	2.2	2.3
Sample Dates:	(August 23 - October 3)						
Male							
Sample Number	16	1	16	1	26	6	7
Percent	9.8	0.6	9.8	0.6	16.0	3.7	4.3
Std. Error	2.3	0.6	2.3	0.6	2.9	1.5	1.6
Female							
Sample Number		41		26	19	4	90
Percent		25.2		16.0	11.7	2.5	55.2
Std. Error		3.4		2.9	2.5	1.2	3.9
All Fish							
Sample Number	16	1	57	1	52	25	11
Percent	9.8	0.6	35.0	0.6	31.9	15.3	6.7
Std. Error	2.3	0.6	3.7	0.6	3.7	2.8	2.0

Appendix Table 168. Length composition of the Ford Arm Lake sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class								
		1983		1982		1981		1980
		1.1	0.3	1.2	2.1	1.3	2.2	2.3
<b>Sample Dates: (August 23 - October 3)</b>								
<b>Male</b>	Avg. Length	336.6	577.0	469.7	360.0	563.8	482.2	572.0
	Std. Error	5.0		14.4		3.6	31.8	6.5
	Sample Size	16	1	16	1	26	6	7
<b>Female</b>	Avg. Length			497.6		521.0	486.2	515.0
	Std. Error			4.2		4.8	6.9	16.7
	Sample Size			41		26	19	4
<b>All Fish</b>	Avg. Length	336.6	577.0	489.7	360.0	542.4	485.2	551.3
	Std. Error	5.0		5.3		4.2	8.8	11.0
	Sample Size	16	1	57	1	52	25	11

Appendix Table 169. Age composition of the Lace River sockeye salmon escapement by sex and age class, 1986.

	Brood Year and Age Class						
	1983		1982		1981		1980
	0.2	1.1	0.3	1.2	1.3	2.3	Total
Sample Dates:	(August 23 - 24)						
<b>Male</b>							
Sample Number	5	4	23	9	26	1	68
Percent	2.6	2.1	12.2	4.8	13.8	0.5	36.0
Std. Error	1.2	1.0	2.4	1.6	2.5	0.5	3.5
<b>Female</b>							
Sample Number			44	15	61	1	121
Percent			23.3	7.9	32.3	0.5	64.0
Std. Error			3.1	2.0	3.4	0.5	3.5
<b>All Fish</b>							
Sample Number	5	4	67	24	87	2	189
Percent	2.6	2.1	35.4	12.7	46.0	1.1	100.0
Std. Error	1.2	1.0	3.5	2.4	3.6	0.7	

Appendix Table 170. Length composition of the Lace River sockeye salmon escapement by sex and age class, 1986.

Brood Year and Age Class							
		1983		1982		1981	1980
		0.2	1.1	0.3	1.2	1.3	2.3
<b>Sample Dates: (August 23 - 24)</b>							
<b>Male</b>	Avg. Length	439.0	282.5	583.0	479.4	574.8	590.0
	Std. Error	11.0	4.3	3.5	11.5	5.7	
	Sample Size	5	4	23	9	26	1
<b>Female</b>	Avg. Length			542.8	476.0	537.6	530.0
	Std. Error			3.3	4.4	3.7	
	Sample Size			43	15	60	1
<b>All Fish</b>	Avg. Length	439.0	282.5	556.8	477.3	548.8	560.0
	Std. Error	11.0	4.3	3.4	5.0	3.6	30.0
	Sample Size	5	4	66	24	86	2

Appendix Table 171. Age composition of the Chilkat Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

	Brood Year and Age Class							
	1982		1981		1980		1979	
	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
Escapement Dates:	(June 18 - 28)							
Sample Date:	(June 23)							
Male								
Sample Number		2						
Percent		100.0						100.0
Std. Error								0.0
Number		4						4
All Fish								
Sample Number		2						2
Percent		100.0						100.0
Std. Error								0.0
Number		4						4
Escapement Dates:	(June 29 - August 16)							
Sample Date:	(August 8)							
Male								
Sample Number	8			2				10
Percent	61.5			15.4				76.9
Std. Error	14.0			10.4				12.2
Number	486			122				608
Female								
Sample Number	2		1					3
Percent	15.4		7.7					23.1
Std. Error	10.4		7.7					12.2
Number	122		61					183
All Fish								
Sample Number	10		1	2				13
Percent	76.9		7.7	15.4				100.0
Std. Error	12.2		7.7	10.4				
Number	608		61	122				791
Escapement Dates:	(August 17 - 30)							
Sample Dates:	1/							
Male								
Percent	31.6	0.9	1.4	13.4	20.9	0.4		68.6
Number	274	8	12	118	183	4		599
Female								
Percent	8.4			4.8	6.2	11.5	0.5	31.4
Number	8			42	54	101	4	275
All Fish								
Percent	40.0	0.9	6.2	19.6	32.4	0.4	0.5	100.0
Number	348	8	54	172	284	4	4	874
Escapement Dates:	(August 31 - Sept. 20)							
Sample Dates:	(Sept. 8 - 12)							
Male								
Sample Number	2	2	3	13	47	1		68
Percent	1.8	1.8	2.7	11.5	41.6	0.9		60.2
Std. Error	1.2	1.2	1.5	3.0	4.7	0.9		4.6
Number	236	236	353	1532	5536	118		8011
Female								
Sample Number	2		2	14	26	1		45
Percent	1.8		1.8	12.4	23.0	0.9		39.8
Std. Error	1.2		1.2	3.1	4.0	0.9		4.6
Number	236		236	1649	3063	118		5302
All Fish								
Percent	4	2	5	27	73	1	1	113
Number	3.5	1.8	4.4	23.9	64.6	0.9	0.9	100.0
Std. Error	1.7	1.2	1.9	4.0	4.5	0.9	0.9	
Number	472	236	589	3181	8599	118	118	13313

-Continued-

1/ No samples were taken. The age composition for the periods immediately before and after were averaged (weighted equally) and applied to this period.

Appendix Table 171. Age composition of the Chilkat Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class							
	1982		1981		1980		1979	
	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
<b>Escapement Dates:</b> (Sept. 21 - Oct. 4)								
<b>Sample Dates:</b> (Sept. 28 - Oct. 3)								
<b>Male</b>								
Sample Number			3	33	97	1		134
Percent			1.2	13.4	39.3	0.4		54.3
Std. Error			0.7	2.2	3.1	0.4		3.2
Number			91	1010	2968	31		4100
<b>Female</b>								
Sample Number	2		1	41	62	7		113
Percent	0.8		0.4	16.6	25.1	2.8		45.7
Std. Error	0.6		0.4	2.4	2.8	1.1		3.2
Number	61		31	1255	1897	214		3458
<b>All Fish</b>								
Sample Number	2		4	74	159	8		247
Percent	0.8		1.6	30.0	64.4	3.2		100.0
Std. Error	0.6		0.8	2.9	3.1	1.1		
Number	61		122	2265	4865	245		7558
<b>Escapement Dates:</b> (Oct. 5 - 11)								
<b>Sample Dates:</b> (Oct. 5 - 11)								
<b>Male</b>								
Sample Number		1	1	16	121	2	1	142
Percent		0.4	0.4	6.2	46.5	0.8	0.4	54.6
Std. Error		0.4	0.4	1.5	3.1	0.5	0.4	3.1
Number		3	3	51	387	6	3	454
<b>Female</b>								
Sample Number				20	95	3		118
Percent				7.7	36.5	1.2		45.4
Std. Error				1.7	3.0	0.7		3.1
Number				64	304	10		377
<b>All Fish</b>								
Sample Number	1	1	36	216	5	1		260
Percent	0.4	0.4	13.8	83.1	1.9	0.4		100.0
Std. Error	0.4	0.4	2.1	2.3	0.9	0.4		
Number	3	3	115	691	16	3		831
<b>Escapement Dates:</b> (Oct. 12 - 18)								
<b>Sample Dates:</b> (Oct. 13 - 18)								
<b>Male</b>								
Sample Number					6			6
Percent					40.0			40.0
Std. Error					13.1			13.1
Number					10			10
<b>Female</b>								
Sample Number				5	4			9
Percent				33.3	26.7			60.0
Std. Error				12.6	11.8			13.1
Number				8	6			14
<b>All Fish</b>								
Sample Number			5	10				15
Percent			33.3	66.7				100.0
Std. Error			12.6	12.6				
Number			8	16				24
<b>Escapement Dates:</b> (Oct. 19 - 25)								
<b>Sample Dates:</b> (Oct. 19 - 24)								
<b>Male</b>								
Sample Number		1	6	40	1			48
Percent		1.1	6.5	43.5	1.1			52.2
Std. Error		1.1	2.6	5.2	1.1			5.2
Number		2	10	65	2			79
<b>Female</b>								
Sample Number			19	23	2			44
Percent			20.7	25.0	2.2			47.8
Std. Error			4.2	4.5	1.5			5.2
Number			31	38	3			72
<b>All Fish</b>								
Sample Number	1	25	63	3				92
Percent	1.1	27.2	68.5	3.3				100.0
Std. Error	1.1	4.7	4.9	1.9				
Number	2	41	103	5				151

-Continued-

Appendix Table 171. Age composition of the Chilkat Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class							
	1982		1981		1980		1979	
	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
<b>Escapement Dates:</b> {Oct. 26 - Nov. 1}								
<b>Sample Dates:</b> {Oct. 28 - Nov. 1}								
<b>Male</b>								
Sample Number		2	6	62	1	1	72	
Percent		2.2	6.6	68.1	1.1	1.1	79.1	
Std. Error		1.5	2.6	4.9	1.1	1.1	4.3	
Number		4	11	114	2	2	133	
<b>Female</b>								
Sample Number			4	14		1	19	
Percent			4.4	15.4		1.1	20.9	
Std. Error			2.2	3.8		1.1	4.3	
Number			7	26		2	35	
<b>All Fish</b>								
Sample Number		2	10	76	1	2	91	
Percent		2.2	11.0	83.5	1.1	2.2	100.0	
Std. Error		1.5	3.3	3.9	1.1	1.5		
Number		4	18	140	2	4	168	
<b>Escapement Dates:</b> {Nov. 2 - 8}								
<b>Sample Dates:</b> {Nov. 2 - 7}								
<b>Male</b>								
Sample Number			5	35		1	41	
Percent			7.6	53.0		1.5	62.1	
Std. Error			3.3	6.2		1.5	6.0	
Number			8	58		2	68	
<b>Female</b>								
Sample Number		1	3	21			25	
Percent		1.5	4.5	31.8			37.9	
Std. Error		1.5	2.6	5.8			6.0	
Number		2	5	34			41	
<b>All Fish</b>								
Sample Number		1	8	56		1	66	
Percent		1.5	12.1	84.8		1.5	100.0	
Std. Error		1.5	4.0	4.4		1.5		
Number		2	13	92		2	109	
<b>Escapement Dates:</b> {Nov. 9 - 15}								
<b>Sample Date:</b> {Nov. 11}								
<b>Male</b>								
Sample Number			3	20			23	
Percent			7.3	48.8			56.1	
Std. Error			4.1	7.9			7.8	
Number			9	61			70	
<b>Female</b>								
Sample Number			4	14			18	
Percent			9.8	34.1			43.9	
Std. Error			4.7	7.5			7.8	
Number			12	42			54	
<b>All Fish</b>								
Sample Number			7	34			41	
Percent			17.1	82.9			100.0	
Std. Error			5.9	5.9				
Number			21	103			124	
<b>Combined Periods (Percentages are weighted by period escapements)</b>								
<b>Male</b>								
Sample Number	10	5	10	84	428	6	3	546
Percent	4.2	1.0	1.9	12.0	39.2	0.7	<0.1	59.0
Std. Error	1.0	0.7	0.9	1.9	2.9	0.5	<0.1	2.9
Number	996	251	465	2871	9382	163	7	14135
<b>Female</b>								
Sample Number	6		5	110	259	12	2	394
Percent	2.1		1.5	12.9	23.0	0.9	0.5	41.0
Std. Error	0.9		0.8	1.9	2.4	0.3	0.5	2.9
Number	493		372	3085	5511	227	124	9812
<b>All Fish</b>								
Sample Number	16	5	15	194	687	18	5	940
Percent	6.2	1.0	3.5	24.9	62.2	1.6	0.5	100.0
Std. Error	1.1	0.7	1.2	2.5	2.8	0.6	0.5	
Number	1489	251	837	5956	14893	390	131	23947

Appendix Table 172. Length composition of the Chilkat Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

Brood Year and Age Class							
		1982	1982	1981		1980	1979
		1.2	2.1	1.3	2.2	2.3	3.2
<b>Escapement Dates:</b> (June 18 - August 30) <b>Sample Dates:</b> (June 23 - August 8)							
Male	Avg. Length	452.5	350.0		485.0		
	Std. Error	8.2	5.0		35.0		
	Sample Size	8	2		2		
Female	Avg. Length	485.0		535.0			
	Std. Error	15.0					
	Sample Size	2		1			
All Fish	Avg. Length	459.0	350.0	535.0	485.0		
	Std. Error	8.1	5.0		35.0		
	Sample Size	10	2	1	2		
<b>Escapement Dates:</b> (August 31 - September 20) <b>Sample Dates:</b> (September 8 - 12)							
Male	Avg. Length	552.5	372.5	641.7	567.7	627.0	480.0
	Std. Error	7.5	17.5	14.8	8.2	4.3	
	Sample Size	2	2	3	13	47	1
Female	Avg. Length	560.0		592.5	558.6	608.1	590.0
	Std. Error	10.0		7.5	5.3	5.2	
	Sample Size	2		2	14	26	1
All Fish	Avg. Length	556.3	372.5	622.0	563.0	620.3	480.0
	Std. Error	5.5	17.5	14.7	4.8	3.5	590.0
	Sample Size	4	2	5	27	73	1
<b>Escapement Dates:</b> (September 21 - October 4) <b>Sample Dates:</b> (September 28 - October 3)							
Male	Avg. Length			613.3	547.9	614.3	585.0
	Std. Error			4.4	7.2	3.0	
	Sample Size			3	33	97	1
Female	Avg. Length	517.5		575.0	535.4	594.4	559.3
	Std. Error	22.5		1	4.6	4.5	15.5
	Sample Size	2			41	62	7
All Fish	Avg. Length	517.5		603.8	540.9	606.5	562.5
	Std. Error	22.5		10.1	4.1	2.6	13.8
	Sample Size	2		4	74	159	8
<b>Escapement Dates:</b> (October 5 - 11) <b>Sample Dates:</b> (October 5 - 11)							
Male	Avg. Length		370.0	595.0	567.7	623.6	590.0
	Std. Error			1	1	5.7	15.0
	Sample Size				15	2.3	2
Female	Avg. Length				547.0	602.7	570.0
	Std. Error				5.1	2.6	5.8
	Sample Size				20	95	3
All Fish	Avg. Length		370.0	595.0	555.9	614.4	578.0
	Std. Error			1	1	4.1	7.5
	Sample Size				35	216	5
<b>Escapement Dates:</b> (October 12 - 18) <b>Sample Dates:</b> (October 13 - 18)							
Male	Avg. Length					637.5	
	Std. Error					7.9	
	Sample Size					6	
Female	Avg. Length				546.0	563.8	
	Std. Error				5.3	12.1	
	Sample Size				5	4	
All Fish	Avg. Length				546.0	608.0	
	Std. Error				5.3	13.6	
	Sample Size				5	10	

-Continued-

Appendix Table 172. Length composition of the Chilkat Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

		Brood Year and Age Class					
		1982	1982	1981		1980	
		1.2	2.1	1.3	2.2	2.3	3.3
<b>Escapement Dates:</b> (October 19 - 25)							
<b>Sample Dates:</b> (October 19 - 24)							
Male	Avg. Length		625.0	565.8	626.3	585.0	
	Std. Error			12.7	3.3		
	Sample Size		1	6	40	1	
Female	Avg. Length			533.7	602.0	557.5	
	Std. Error			5.1	3.6	2.5	
	Sample Size			19	23	2	
All Fish	Avg. Length		625.0	541.4	617.4	566.7	
	Std. Error			5.6	2.9	9.3	
	Sample Size		1	25	63	3	
<b>Escapement Dates:</b> (October 26 - November 1)							
<b>Sample Dates:</b> (October 28 - November 1)							
Male	Avg. Length		590.0	560.0	617.7	565.0	630.0
	Std. Error		30.0	15.1	3.0		
	Sample Size		2	6	62	1	1
Female	Avg. Length			542.5	600.0	585.0	
	Std. Error			4.3	6.2		
	Sample Size			4	14		1
All Fish	Avg. Length		590.0	553.0	614.5	565.0	607.5
	Std. Error		30.0	9.3	2.8		22.5
	Sample Size		2	10	76	1	2
<b>Escapement Dates:</b> (November 2 - 8)							
<b>Sample Dates:</b> (November 2 - 7)							
Male	Avg. Length			563.0	620.1	630.0	
	Std. Error			7.2	4.4		
	Sample Size			5	35		1
Female	Avg. Length		580.0	570.0	588.5		
	Std. Error			32.1	5.5		
	Sample Size		1	3	21		
All Fish	Avg. Length		580.0	565.6	608.3	630.0	
	Std. Error			11.4	4.0		
	Sample Size		1	8	56		1
<b>Escapement Dates:</b> (November 9 - 15)							
<b>Sample Dates:</b> (November 11)							
Male	Avg. Length			523.3	614.3		
	Std. Error			10.1	6.2		
	Sample Size			3	20		
Female	Avg. Length			532.5	601.1		
	Std. Error			11.6	4.1		
	Sample Size			4	14		
All Fish	Avg. Length			528.6	608.8		
	Std. Error			7.5	4.1		
	Sample Size			7	34		
<b>Combined Periods (Unweighted)</b>							
Male	Avg. Length	472.5	363.0	616.5	555.2	620.7	565.8
	Std. Error	14.9	7.8	8.9	4.0	1.3	18.0
	Sample Size	10	5	10	83	428	6
Female	Avg. Length	520.8		575.0	541.7	599.2	561.7
	Std. Error	15.6		10.8	2.5	1.7	8.9
	Sample Size	6		5	110	259	12
All Fish	Avg. Length	490.6	363.0	602.7	547.5	612.6	563.1
	Std. Error	12.2	7.8	8.5	2.3	1.1	8.2
	Sample Size	16	5	15	193	687	18

Appendix Table 173. Daily sockeye salmon counts and associated statistics from Chilkat Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 18	0	0	0.0000	0.0000
June 19	0	0	0.0000	0.0000
June 20	0	0	0.0000	0.0000
June 21	0	0	0.0000	0.0000
June 22	0	0	0.0000	0.0000
June 23	3	3	0.0001	0.0001
June 24	0	3	0.0000	0.0001
June 25	0	3	0.0000	0.0001
June 26	0	3	0.0000	0.0001
June 27	0	3	0.0000	0.0001
June 28	1	4	0.0000	0.0002
June 29	2	6	0.0001	0.0003
June 30	0	6	0.0000	0.0003
July 1	0	6	0.0000	0.0003
July 2	0	6	0.0000	0.0003
July 3	0	6	0.0000	0.0003
July 4	0	6	0.0000	0.0003
July 5	0	6	0.0000	0.0003
July 6	1	7	0.0000	0.0003
July 7	3	10	0.0001	0.0004
July 8	2	12	0.0001	0.0005
July 9	79	91	0.0033	0.0038
July 10	3	94	0.0001	0.0039
July 11	420	514	0.0175	0.0215
July 12	94	608	0.0039	0.0254
July 13	1	609	0.0000	0.0254
July 14	50	659	0.0021	0.0275
July 15	43	702	0.0018	0.0293
July 16	40	742	0.0017	0.0310
July 17	0	742	0.0000	0.0310
July 18	5	747	0.0002	0.0312
July 19	0	747	0.0000	0.0312
July 20	0	747	0.0000	0.0312
July 21	0	747	0.0000	0.0312
July 22	0	747	0.0000	0.0312
July 23	0	747	0.0000	0.0312
July 24	0	747	0.0000	0.0312
July 25	2	749	0.0001	0.0313
July 26	18	767	0.0008	0.0320
July 27	0	767	0.0000	0.0320
July 28	1	768	0.0000	0.0321
July 29	5	773	0.0002	0.0323
July 30	0	773	0.0000	0.0323
July 31	0	773	0.0000	0.0323
Aug. 1	8	781	0.0003	0.0326
Aug. 2	10	791	0.0004	0.0330
Aug. 3	1	792	0.0000	0.0331
Aug. 4	0	792	0.0000	0.0331
Aug. 5	0	792	0.0000	0.0331
Aug. 6	0	792	0.0000	0.0331
Aug. 7	0	792	0.0000	0.0331
Aug. 8	0	792	0.0000	0.0331
Aug. 9	0	792	0.0000	0.0331
Aug. 10	0	792	0.0000	0.0331
Aug. 11	0	792	0.0000	0.0331
Aug. 12	0	792	0.0000	0.0331
Aug. 13	0	792	0.0000	0.0331
Aug. 14	0	792	0.0000	0.0331
Aug. 15	3	795	0.0001	0.0332
Aug. 16	0	795	0.0000	0.0332
Aug. 17	0	795	0.0000	0.0332
Aug. 18	0	795	0.0000	0.0332
Aug. 19	0	795	0.0000	0.0332
Aug. 20	0	795	0.0000	0.0332
Aug. 21	57	852	0.0024	0.0356
Aug. 22	26	878	0.0011	0.0367
Aug. 23	55	933	0.0023	0.0390
Aug. 24	12	945	0.0005	0.0395
Aug. 25	92	1037	0.0038	0.0433
Aug. 26	393	1430	0.0164	0.0597
Aug. 27	135	1565	0.0056	0.0654
Aug. 28	68	1633	0.0028	0.0682
Aug. 29	36	1669	0.0015	0.0697
Aug. 30	0	1669	0.0000	0.0697
Aug. 31	0	1669	0.0000	0.0697

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Appendix Table 173. Daily sockeye salmon counts and associated statistics from Chilkat Lake Weir, 1986 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept.	1	8	0.0003	0.0700
Sept.	2	13	0.0005	0.0706
Sept.	3	14	0.0006	0.0712
Sept.	4	2	0.0001	0.0712
Sept.	5	535	0.0223	0.0936
Sept.	6	434	0.0181	0.1117
Sept.	7	348	0.0145	0.1262
Sept.	8	1108	0.0463	0.1725
Sept.	9	390	0.0163	0.1888
Sept.	10	1252	0.0523	0.2411
Sept.	11	1241	0.0518	0.2929
Sept.	12	62	0.0026	0.2955
Sept.	13	963	0.0402	0.3357
Sept.	14	383	0.0160	0.3517
Sept.	15	1254	0.0524	0.4041
Sept.	16	485	0.0203	0.4243
Sept.	17	540	0.0225	0.4469
Sept.	18	1649	0.0689	0.5157
Sept.	19	668	0.0279	0.5436
Sept.	20	1964	0.0820	0.6256
Sept.	21	625	0.0261	0.6517
Sept.	22	600	0.0251	0.6768
Sept.	23	414	0.0173	0.6941
Sept.	24	833	0.0348	0.7289
Sept.	25	913	0.0381	0.7670
Sept.	26	411	0.0172	0.7841
Sept.	27	0	0.0000	0.7841
Sept.	28	108	0.0045	0.7887
Sept.	29	111	0.0046	0.7933
Sept.	30	2138	0.0893	0.8826
Oct.	1	366	0.0153	0.8979
Oct.	2	463	0.0193	0.9172
Oct.	3	567	0.0237	0.9409
Oct.	4	9	0.0004	0.9412
Oct.	5	51	0.0021	0.9434
Oct.	6	416	0.0174	0.9607
Oct.	7	66	0.0028	0.9635
Oct.	8	38	0.0016	0.9651
Oct.	9	223	0.0093	0.9744
Oct.	10	17	0.0007	0.9751
Oct.	11	20	0.0008	0.9759
Oct.	12	7	0.0003	0.9762
Oct.	13	5	0.0002	0.9764
Oct.	14	0	0.0000	0.9764
Oct.	15	0	0.0000	0.9764
Oct.	16	9	0.0004	0.9768
Oct.	17	2	0.0001	0.9769
Oct.	18	1	0.0000	0.9769
Oct.	19	10	0.0004	0.9774
Oct.	20	14	0.0006	0.9780
Oct.	21	16	0.0007	0.9786
Oct.	22	26	0.0011	0.9797
Oct.	23	20	0.0008	0.9805
Oct.	24	39	0.0016	0.9822
Oct.	25	26	0.0011	0.9833
Oct.	26	14	0.0006	0.9838
Oct.	27	1	0.0000	0.9839
Oct.	28	39	0.0016	0.9855
Oct.	29	38	0.0016	0.9871
Oct.	30	57	0.0024	0.9895
Oct.	31	13	0.0005	0.9900
Nov.	1	6	0.0003	0.9903
Nov.	2	8	0.0003	0.9906
Nov.	3	11	0.0005	0.9911
Nov.	4	24	0.0010	0.9921
Nov.	5	32	0.0013	0.9934
Nov.	6	23	0.0010	0.9944
Nov.	7	7	0.0003	0.9947
Nov.	8	4	0.0002	0.9948
Nov.	9	17	0.0007	0.9955
Nov.	10	16	0.0007	0.9962
Nov.	11	16	0.0007	0.9969
Nov.	12	31	0.0013	0.9982
Nov.	13	28	0.0012	0.9993
Nov.	14	16	0.0007	1.0000

Mean Day of Migration = Sept. 17 Variance = 283.2 Days squared

Appendix Table 174. Age composition of the Chilkat River Mainstem sockeye salmon escapement by sex and age class, 1986.

	Brood Year and Age Class								
	1983		1982		1981		1980		1979
	0.2	0.3	1.2	0.4	1.3	1.4	2.3	2.4	Total
Sample Date:	(October 9)								
<b>Male</b>									
Sample Number	6	28	15	1	15	1		1	67
Percent	5.3	24.6	13.2	0.9	13.2	0.9		0.9	58.8
Std. Error	2.1	4.0	3.2	0.9	3.2	0.9		0.9	4.6
<b>Female</b>									
Sample Number	1	28	2		15		1		47
Percent	0.9	24.6	1.8		13.2		0.9		41.2
Std. Error	0.9	4.0	1.2		3.2		0.9		4.6
<b>All Fish</b>									
Sample Number	7	56	17	1	30	1	1	1	114
Percent	6.1	49.1	14.9	0.9	26.3	0.9	0.9	0.9	100.0
Std. Error	2.3	4.7	3.4	0.9	4.1	0.9	0.9	0.9	

Appendix Table 175. Length composition of the Chilkat River sockeye salmon escapement by sex and age class, 1986.

		Brood Year and Age Class							
		1983	1982		1981		1980	1980	1979
		0.2	0.3	1.2	0.4	1.3	1.4	2.3	2.4
Sample Date:		(October 9)							
Male	Avg. Length	449.2	593.8	444.7	600.0	569.0	600.0		605.0
	Std. Error	19.7	4.6	9.3		9.8			
	Sample Size	6	28	15	1	15	1		1
Female	Avg. Length	570.0	565.4	482.0		572.0		585.0	
	Std. Error		4.4	18.0		4.3			
	Sample Size	1	28	2		15		1	
All Fish	Avg. Length	466.4	579.6	449.1	600.0	570.5	600.0	585.0	605.0
	Std. Error	24.0	3.7	8.8		5.3			
	Sample Size	7	56	17	1	30	1	1	1

Appendix Table 176. Age composition of the Chilkoot Lake sockeye salmon escapement by sex, age class, and escapement period, 1986.

	Brood Year and Age Class								
	1983	1982	1981		1980		1979		
	1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3	Total
<b>Escapement Dates:</b> (June 6 - June 14)									
<b>Sample Dates:</b> (June 12 - June 14)									
<b>Male</b>									
Sample Number		2	3						5
Percent		25.0	37.5						62.5
Std. Error		16.4	18.3						18.3
Number		32	46						78
<b>Female</b>									
Sample Number		2		1					3
Percent		25.0		12.5					37.5
Std. Error		16.4		12.5					18.3
Number		32		16					48
<b>All Fish</b>									
Sample Number		2	5		1				8
Percent		25.0	62.5		12.5				100.0
Std. Error		16.4	18.3		12.5				
Number		32	78		16				126
<b>Escapement Dates:</b> (June 15 - June 21)									
<b>Sample Dates:</b> (June 18 - June 20)									
<b>Male</b>									
Sample Number		1	1		1				3
Percent		25.0	25.0		25.0				75.0
Std. Error		25.0	25.0		25.0				25.0
Number		41	40		41				122
<b>Female</b>									
Sample Number			1						1
Percent			25.0						25.0
Std. Error			25.0						25.0
Number			41						41
<b>All Fish</b>									
Sample Number		1	2		1				4
Percent		25.0	50.0		25.0				100.0
Std. Error		25.0	28.9		25.0				
Number		41	81		41				163
<b>Escapement Dates:</b> (June 22 - June 28)									
<b>Sample Dates:</b> (June 24 - June 27)									
<b>Male</b>									
Sample Number		1	9		1				11
Percent		5.9	52.9		5.9				64.7
Std. Error		5.9	12.5		5.9				11.9
Number		13	119		13				145
<b>Female</b>									
Sample Number			5		1				6
Percent			29.4		5.9				35.3
Std. Error			11.4		5.9				11.9
Number			66		13				79
<b>All Fish</b>									
Sample Number		1	14		2				17
Percent		5.9	82.4		11.8				100.0
Std. Error		5.9	9.5		8.1				
Number		13	185		26				224
<b>Escapement Dates:</b> (June 29 - July 5)									
<b>Sample Dates:</b> (June 30 - July 5)									
<b>Male</b>									
Sample Number		13	13	1	2				29
Percent		33.3	33.3	2.6	5.1				74.4
Std. Error		7.6	7.6	2.6	3.6				7.1
Number		286	285	22	44				637
<b>Female</b>									
Sample Number			10						10
Percent			25.6						25.6
Std. Error			7.1						7.1
Number			220						220
<b>All Fish</b>									
Sample Number		13	23	1	2				39
Percent		33.3	59.0	2.6	5.1				100.0
Std. Error		7.6	8.0	2.6	3.6				
Number		286	505	22	44				857

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Appendix Table 176. Age composition of the Chilkoot Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class									Total
	1983		1982		1981		1980		1979	
	1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3		
Escapement Dates:	(July 6 - July 12)									
Sample Dates:	(July 6 - July 12)									
Male										
Sample Number	29	37	3	1	7				77	
Percent	22.3	28.5	2.3	0.8	5.4				59.2	
Std. Error	3.7	4.0	1.3	0.8	2.0				4.3	
Number	814	1039	84	28	197				2162	
Female										
Sample Number	4	43			6				53	
Percent	3.1	33.1			4.6				40.8	
Std. Error	1.5	4.1			1.8				4.3	
Number	113	1207			168				1488	
All Fish										
Sample Number	33	80	3	1	13				130	
Percent	25.4	61.5	2.3	0.8	10.0				100.0	
Std. Error	3.8	4.3	1.3	0.8	2.6					
Number	927	2246	84	28	365				3650	
Escapement Dates:	(July 13 - July 19)									
Sample Dates:	(July 13 - July 17)									
Male										
Sample Number	14	19	1		4				38	
Percent	23.7	32.2	1.7		6.8				64.4	
Std. Error	5.6	6.1	1.7		3.3				6.3	
Number	552	750	39		158				1499	
Female										
Sample Number		15		2	4				21	
Percent		25.4		3.4	6.8				35.6	
Std. Error		5.7		2.4	3.3				6.3	
Number		592		79	158				829	
All Fish										
Sample Number	14	34	1	2	8				59	
Percent	23.7	57.6	1.7	3.4	13.6				100.0	
Std. Error	5.6	6.5	1.7	2.4	4.5					
Number	552	1342	39	79	316				2328	
Escapement Dates:	(July 20 - July 26)									
Sample Dates:	(July 20 - July 26)									
Male										
Sample Number	40	47	4	1	11	1			104	
Percent	23.1	27.2	2.3	0.6	6.4	0.6			60.1	
Std. Error	3.2	3.4	1.1	0.6	1.9	0.6			3.7	
Number	1264	1485	126	32	348	32			3287	
Female										
Sample Number	3	54			12				69	
Percent	1.7	31.2			6.9				39.9	
Std. Error	1.0	3.5			1.9				3.7	
Number	95	1706			379				2180	
All Fish										
Sample Number	43	101	4	1	23	1			173	
Percent	24.9	58.4	2.3	0.6	13.3	0.6			100.0	
Std. Error	3.3	3.8	1.1	0.6	2.6	0.6				
Number	1359	3191	126	32	727	32			5467	
Escapement Dates:	(July 27 - August 2)									
Sample Dates:	(July 27 - August 2)									
Male										
Sample Number	1	51	107	6		17	1		183	
Percent	0.4	19.0	39.8	2.2		6.3	0.4		68.0	
Std. Error	0.4	2.4	3.0	0.9		1.5	0.4		2.8	
Number	43	2169	4548	255		723	43		7781	
Female										
Sample Number	4	63	2		17				86	
Percent	1.5	23.4	0.7		6.3				32.0	
Std. Error	0.7	2.6	0.5		1.5				2.8	
Number	170	2679	85		723				3657	
All Fish										
Sample Number	1	55	170	8		34	1		269	
Percent	0.4	20.4	63.2	3.0		12.6	0.4		100.0	
Std. Error	0.4	2.5	2.9	1.0		2.0	0.4			
Number	43	2339	7227	340		1446	43		11438	

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Appendix Table 176. Age composition of the Chilkoot Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class								Total	
	1983		1982		1981		1980			
	1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3		
Escapement Dates:	{August 3 - August 9}									
Sample Dates:	{August 3 - August 9}									
Male										
Sample Number	54	152	5	2	35				248	
Percent	12.4	34.9	1.1	0.5	8.0				57.0	
Std. Error	1.6	2.3	0.5	0.3	1.3				2.4	
Number	2677	7534	248	99	1735				12293	
Female										
Sample Number	12	147	4		24				187	
Percent	2.8	33.8	0.9		5.5				43.0	
Std. Error	0.8	2.3	0.5		1.1				2.4	
Number	595	7287	198		1190				9270	
All Fish										
Sample Number	66	299	9	2	59				435	
Percent	15.2	68.7	2.1	0.5	13.6				100.0	
Std. Error	1.7	2.2	0.7	0.3	1.6					
Number	3272	14821	446	99	2925				21563	
Escapement Dates:	{August 10 - August 16}									
Sample Dates:	{August 10 - August 16}									
Male										
Sample Number	33	96	5	1	22				157	
Percent	12.8	37.2	1.9	0.4	8.5				60.9	
Std. Error	2.1	3.0	0.9	0.4	1.7				3.0	
Number	1570	4567	238	48	1047				7470	
Female										
Sample Number	2	80	2	1	16				101	
Percent	0.8	31.0	0.8	0.4	6.2				39.1	
Std. Error	0.5	2.9	0.5	0.4	1.5				3.0	
Number	95	3807	95	48	761				4806	
All Fish										
Sample Number	35	176	7	2	38				258	
Percent	13.6	68.2	2.7	0.8	14.7				100.0	
Std. Error	2.1	2.9	1.0	0.5	2.2					
Number	1665	8374	333	96	1808				12276	
Escapement Dates:	{August 17 - August 23}									
Sample Dates:	{August 17 - August 23}									
Male										
Sample Number	10	87	6	1	29				133	
Percent	4.4	38.2	2.6	0.4	12.7				58.3	
Std. Error	1.4	3.2	1.1	0.4	2.2				3.3	
Number	519	4518	311	52	1506				6906	
Female										
Sample Number	2	74	1	1	17				95	
Percent	0.9	32.5	0.4	0.4	7.5				41.7	
Std. Error	0.6	3.1	0.4	0.4	1.7				3.3	
Number	104	3842	52	52	883				4933	
All Fish										
Sample Number	12	161	7	2	46				228	
Percent	5.3	70.6	3.1	0.9	20.2				100.0	
Std. Error	1.5	3.0	1.1	0.6	2.7					
Number	623	8360	363	104	2389				11839	
Escapement Dates:	{August 24 - August 30}									
Sample Dates:	{August 25 - August 30}									
Male										
Sample Number	4	106	2	1	36				149	
Percent	1.8	46.5	0.9	0.4	15.8				65.4	
Std. Error	0.9	3.3	0.6	0.4	2.4				3.2	
Number	111	2951	56	28	1002				4148	
Female										
Sample Number	2	60			17				79	
Percent	0.9	26.3			7.5				34.6	
Std. Error	0.6	2.9			1.7				3.2	
Number	56	1671			473				2200	
All Fish										
Sample Number	6	166	2	1	53				228	
Percent	2.6	72.8	0.9	0.4	23.2				100.0	
Std. Error	1.1	3.0	0.6	0.4	2.8					
Number	167	4622	56	28	1475				6348	

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Appendix Table 176. Age composition of the Chilkoot Lake sockeye salmon escapement by sex, age class, and escapement period, 1986 (continued).

	Brood Year and Age Class								
	1983		1982		1981		1980		1979
	1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3	Total
Escapement Dates:	(August 31 - Sept. 6)								
Sample Dates:	{(August 31 - Sept. 6)}								
Male									
Sample Number	2	83	1		1	36	1		124
Percent	1.0	43.2	0.5		0.5	18.8	0.5		64.6
Std. Error	0.7	3.6	0.5		0.5	2.8	0.5		3.5
Number	56	2342	28		28	1016	28		3498
Female									
Sample Number		45	1			22			68
Percent		23.4	0.5			11.5			35.4
Std. Error		3.1	0.5			2.3			3.5
Number		1269	28			621			1918
All Fish									
Sample Number	2	128	2		1	58	1		192
Percent	1.0	66.7	1.0		0.5	30.2	0.5		100.0
Std. Error	0.7	3.4	0.7		0.5	3.3	0.5		
Number	56	3611	56		28	1637	28		5416
Escapement Dates:	(Sept. 7 - Sept. 13)								
Sample Dates:	{(Sept. 7 - Sept. 10)}								
Male									
Sample Number		47				11			58
Percent		50.0				11.7			61.7
Std. Error		5.2				3.3			5.0
Number		2536				593			3129
Female									
Sample Number	1	26	1			7		1	36
Percent	1.1	27.7	1.1			7.4		1.1	38.3
Std. Error	1.1	4.6	1.1			2.7		1.1	5.0
Number	54	1402	54			378		54	1942
All Fish									
Sample Number	1	73	1			18		1	94
Percent	1.1	77.7	1.1			19.1		1.1	100.0
Std. Error	1.1	4.3	1.1			4.1		1.1	
Number	54	3938	54			971		54	5071
Escapement Dates:	(Sept. 14 - Oct. 29)								
Sample Dates:	{(Sept. 14)}								
Male									
Sample Number		4	1			1			6
Percent		30.8	7.7			7.7			46.2
Std. Error		13.3	7.7			7.7			14.4
Number		387	97			97			581
Female									
Sample Number		2	1			4			7
Percent		15.4	7.7			30.8			53.8
Std. Error		10.4	7.7			13.3			14.4
Number		193	97			387			677
All Fish									
Sample Number		6	2			5			13
Percent		46.2	15.4			38.5			100.0
Std. Error		14.4	10.4			14.0			
Number		580	194			484			1258
Combined Periods (Percentages are weighted by period escapements)									
Male									
Sample Number	1	254	811	35	8	213	3		1325
Percent	<0.1	11.5	37.7	1.7	0.4	9.7	0.1		61.0
Std. Error	<0.1	0.7	1.1	0.3	0.1	0.7	0.1		1.1
Number	43	10104	33147	1504	315	8520	103		53736
Female									
Sample Number		30	627	12	4	148	1		822
Percent		1.5	29.6	0.7	0.2	7.0	0.1		39.0
Std. Error		0.3	1.0	0.2	0.1	0.6	0.1		1.1
Number		1282	26014	609	179	6150	54		34288
All Fish									
Sample Number	1	284	1438	47	12	361	3	1	2147
Percent	<0.1	12.9	67.2	2.4	0.6	16.7	0.1	0.1	100.0
Std. Error	<0.1	0.7	1.0	0.4	0.2	0.8	0.1	0.1	
Number	43	11386	59161	2113	494	14670	103	54	88024

Appendix Table 177. Length composition of the Chilkoot Lake sockeye salmon escapement by sex, age class and escapement period, 1986.

Brood Year and Age Class												
		1983 1.1	1982 1.2	1981 1.3 2.2		1980 1.4 2.3		1979 2.4 3.3				
<b>Escapement Dates:</b> (June 6 - 14) <b>Sample Dates:</b> (June 12 - 14)												
Male	Avg. Length		457.5	581.7								
	Std. Error		37.5	11.7								
	Sample Size		2	3								
Female	Avg. Length			532.5		590.0						
	Std. Error			27.5		1						
	Sample Size			2								
All Fish	Avg. Length		457.5	562.0		590.0						
	Std. Error		37.5	16.2		1						
	Sample Size		2	5								
<b>Escapement Dates:</b> (June 15 - 21) <b>Sample Dates:</b> (June 18 - 20)												
Male	Avg. Length		450.0	510.0		580.0						
	Std. Error			1	1	1						
	Sample Size											
Female	Avg. Length			540.0								
	Std. Error				1							
	Sample Size											
All Fish	Avg. Length		450.0	525.0		580.0						
	Std. Error			15.0		1						
	Sample Size			1	2							
<b>Escapement Dates:</b> (June 22 - 28) <b>Sample Dates:</b> (June 24 - 27)												
Male	Avg. Length		515.0	552.2		595.0						
	Std. Error			11.8		1						
	Sample Size			1	9							
Female	Avg. Length			571.0		585.0						
	Std. Error			6.4		1						
	Sample Size			5								
All Fish	Avg. Length		515.0	558.9		590.0						
	Std. Error			8.1		5.0						
	Sample Size			1	14	2						
<b>Escapement Dates:</b> (June 29 - July 5) <b>Sample Dates:</b> (June 30 - July 5)												
Male	Avg. Length		456.5	570.4	460.0	570.0						
	Std. Error		8.3	14.9	1	2						
	Sample Size		13	13								
Female	Avg. Length			568.0								
	Std. Error			4.5								
	Sample Size			10								
All Fish	Avg. Length		456.5	569.3	460.0	570.0						
	Std. Error		8.3	8.5	1	2						
	Sample Size		13	23								
<b>Escapement Dates:</b> (July 6 - 12) <b>Sample Dates:</b> (July 6 - 12)												
Male	Avg. Length		450.2	586.5	465.0	640.0	579.3					
	Std. Error		8.7	3.1	12.6	1	8.1					
	Sample Size		29	37	3		7					
Female	Avg. Length		472.5	568.1			558.3					
	Std. Error		9.2	2.6			8.1					
	Sample Size		4	43			6					
All Fish	Avg. Length		452.9	576.6	465.0	640.0	569.6					
	Std. Error		7.8	2.2	12.6	1	6.3					
	Sample Size		33	80	3		13					
<b>Escapement Dates:</b> (July 13 - 19) <b>Sample Dates:</b> (July 13 - 17)												
Male	Avg. Length		483.2	580.0	450.0		573.8					
	Std. Error		9.2	7.5			10.3					
	Sample Size		14	19	1		4					
Female	Avg. Length			574.3		600.0	557.5					
	Std. Error			4.5		15.0	11.6					
	Sample Size			15		2	4					
All Fish	Avg. Length		483.2	577.5	450.0	600.0	565.6					
	Std. Error		9.2	4.6	15.0	1	7.8					
	Sample Size		14	34	2		8					

-Continued-

Appendix Table 177. Length composition of the Chilkoot Lake sockeye salmon escapement by sex, age class and escapement period, 1986 (continued).

		Brood Year and Age Class							
		1983	1982	1981		1980		1979	
		1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3
<b>Escapement Dates:</b> (July 20 - 26) <b>Sample Dates:</b> (July 20 - 26)									
Male	Avg. Length	481.8	582.0	510.0	535.0	563.6	615.0		
	Std. Error	5.6	3.6	9.4		11.0			
	Sample Size	40	47	4	1	11	1		
Female	Avg. Length	520.0	566.1			566.7			
	Std. Error	22.5	2.4			4.9			
	Sample Size	3	54			12			
All Fish	Avg. Length	484.4	573.5	510.0	535.0	565.2	615.0		
	Std. Error	5.6	2.2	9.4		5.7			
	Sample Size	43	101	4	1	23	1		
<b>Escapement Dates:</b> (July 27 - August 2) <b>Sample Dates:</b> (July 27 - August 2)									
Male	Avg. Length	410.0	483.5	582.9	487.5	582.6	580.0		
	Std. Error	5.6	2.3	15.3		5.4			
	Sample Size	1	51	6		17	1		
Female	Avg. Length		520.0	574.0	497.5	561.5			
	Std. Error		19.1	2.4	57.5	3.3			
	Sample Size		4	63	2	17			
All Fish	Avg. Length	410.0	486.2	579.6	490.0	572.1	580.0		
	Std. Error	5.5	1.7	15.7		3.6			
	Sample Size	1	55	8		34	1		
<b>Escapement Dates:</b> (August 3 - 9) <b>Sample Dates:</b> (August 3 - 9)									
Male	Avg. Length		464.4	583.2	485.0	600.0	588.1		
	Std. Error		5.7	1.7	13.3	5.0	3.5		
	Sample Size		54	152	5	2	35		
Female	Avg. Length		481.7	568.6	526.3	561.7			
	Std. Error		7.3	1.5	10.7	3.4			
	Sample Size		12	147	4	24			
All Fish	Avg. Length		467.5	576.0	503.3	600.0	577.4		
	Std. Error		4.9	1.2	11.0	5.0	3.0		
	Sample Size		66	299	9	2	59		
<b>Escapement Dates:</b> (August 10 - 16) <b>Sample Dates:</b> (August 10 - 16)									
Male	Avg. Length		462.9	587.8	475.0	625.0	578.0		
	Std. Error		6.6	3.7	21.3		6.2		
	Sample Size		33	96	5	1	22		
Female	Avg. Length		525.0	576.0	477.5	630.0	569.7		
	Std. Error		5.0	2.8	2.5		4.0		
	Sample Size		2	80	2	1	16		
All Fish	Avg. Length		466.4	582.4	475.7	627.5	574.5		
	Std. Error		6.7	2.4	14.7	2.5	4.0		
	Sample Size		35	176	7	2	38		
<b>Escapement Dates:</b> (August 17 - 23) <b>Sample Dates:</b> (August 17 - 23)									
Male	Avg. Length		469.5	594.9	455.8	635.0	590.5		
	Std. Error		12.3	4.3	13.6		5.0		
	Sample Size		10	86	6	1	29		
Female	Avg. Length		472.5	580.0	505.0	615.0	571.8		
	Std. Error		17.5	2.9		1	6.1		
	Sample Size		2	74		1	17		
All Fish	Avg. Length		470.0	588.0	462.9	625.0	583.6		
	Std. Error		10.4	2.7	13.5	10.0	4.1		
	Sample Size		12	160	7	2	46		

-Continued-

Appendix Table 177. Length composition of the Chilkoot Lake sockeye salmon escapement by sex, age class and escapement period, 1986 (continued).

		Brood Year and Age Class							
		1983		1982		1981		1980	
		1.1	1.2	1.3	2.2	1.4	2.3	2.4	3.3
<b>Escapement Dates:</b> (August 24 - 30)									
<b>Sample Dates:</b> (August 25 - 30)									
Male	Avg. Length	473.8	596.9	482.5	635.0	595.1			
	Std. Error	25.6	2.3	22.5		4.6			
	Sample Size	4	106	2	1	36			
Female	Avg. Length	475.0	577.3			579.4			
	Std. Error	15.0	2.8			4.6			
	Sample Size	2	60			17			
All Fish	Avg. Length	474.2	589.8	482.5	635.0	590.1			
	Std. Error	16.7	1.9	22.5		3.6			
	Sample Size	6	166	2	1	53			
<b>Escapement Dates:</b> (August 31 - September 6)									
<b>Sample Dates:</b> (August 31 - September 6)									
Male	Avg. Length	460.0	599.0	460.0	625.0	604.9	660.0		
	Std. Error		2.7			3.3			
	Sample Size	2	83	1	1	36	1		
Female	Avg. Length		579.6	520.0		576.1			
	Std. Error		3.2			5.1			
	Sample Size		45	1		22			
All Fish	Avg. Length	460.0	592.2	490.0	625.0	594.0	660.0		
	Std. Error		2.2	30.0		3.3			
	Sample Size	2	128	2	1	58	1		
<b>Escapement Dates:</b> (September 7 - 13)									
<b>Sample Dates:</b> (September 7 - 10)									
Male	Avg. Length		610.1			610.5			
	Std. Error		3.1			7.1			
	Sample Size		47			11			
Female	Avg. Length	475.0	586.0	510.0		588.6			
	Std. Error		3.2			3.6			
	Sample Size	1	26	1		7			
All Fish	Avg. Length	475.0	601.5	510.0		601.9			
	Std. Error		2.7			5.2			
	Sample Size	1	73	1		18			
<b>Escapement Dates:</b> (September 14 - October 29)									
<b>Sample Dates:</b> (September 14)									
Male	Avg. Length		566.3	445.0		570.0			
	Std. Error		17.5			1			
	Sample Size		4	1					
Female	Avg. Length		600.0	530.0		582.5			
	Std. Error		15.0			10.3			
	Sample Size		2	1		4			
All Fish	Avg. Length		577.5	487.5		580.0			
	Std. Error		13.7	42.5		8.4			
	Sample Size		6	2		5			
<b>Combined Periods (Unweighted)</b>									
Male	Avg. Length	410.0	470.2	589.2	476.4	611.9	590.0	618.3	
	Std. Error		2.6	1.0	5.7	12.3	1.8	23.2	
	Sample Size	1	254	810	35	8	213	3	
Female	Avg. Length		491.0	573.6	510.0	611.3	570.2		
	Std. Error		5.7	0.8	9.5	9.4	1.7		
	Sample Size		30	627	12	4	148	1	
All Fish	Avg. Length	410.0	472.4	582.4	485.0	611.7	581.9	618.3	565.0
	Std. Error		2.4	0.7	5.3	8.5	1.4	23.2	
	Sample Size	1	284	1437	47	12	361	3	1

Appendix Table 178. Daily sockeye salmon counts and associated statistics from Chilkoot Lake Weir, 1986.

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
June 6	7	7	0.0001	0.0001
June 7	18	25	0.0002	0.0003
June 8	4	29	0.0000	0.0003
June 9	12	41	0.0001	0.0005
June 10	14	55	0.0002	0.0006
June 11	8	63	0.0001	0.0007
June 12	26	89	0.0003	0.0010
June 13	6	95	0.0001	0.0011
June 14	31	126	0.0004	0.0014
June 15	23	149	0.0003	0.0017
June 16	16	165	0.0002	0.0019
June 17	17	182	0.0002	0.0021
June 18	10	192	0.0001	0.0022
June 19	14	206	0.0002	0.0023
June 20	64	270	0.0007	0.0031
June 21	19	289	0.0002	0.0033
June 22	15	304	0.0002	0.0035
June 23	1	305	0.0000	0.0035
June 24	23	328	0.0003	0.0037
June 25	37	365	0.0004	0.0041
June 26	71	436	0.0008	0.0050
June 27	49	485	0.0006	0.0055
June 28	28	513	0.0003	0.0058
June 29	83	596	0.0009	0.0068
June 30	223	819	0.0025	0.0093
July 1	132	951	0.0015	0.0108
July 2	74	1025	0.0008	0.0116
July 3	71	1096	0.0008	0.0125
July 4	42	1138	0.0005	0.0129
July 5	232	1370	0.0026	0.0156
July 6	357	1727	0.0041	0.0196
July 7	1082	2809	0.0123	0.0319
July 8	667	3476	0.0076	0.0395
July 9	525	4001	0.0060	0.0455
July 10	563	4564	0.0064	0.0518
July 11	244	4808	0.0028	0.0546
July 12	212	5020	0.0024	0.0570
July 13	195	5215	0.0022	0.0592
July 14	236	5451	0.0027	0.0619
July 15	237	5688	0.0027	0.0646
July 16	581	6269	0.0066	0.0712
July 17	613	6882	0.0070	0.0782
July 18	310	7192	0.0035	0.0817
July 19	156	7348	0.0018	0.0835
July 20	340	7688	0.0039	0.0873
July 21	530	8218	0.0060	0.0934
July 22	824	9042	0.0094	0.1027
July 23	516	9558	0.0059	0.1086
July 24	1754	11312	0.0199	0.1285
July 25	1005	12317	0.0114	0.1399
July 26	498	12815	0.0057	0.1456
July 27	1326	14141	0.0151	0.1606
July 28	964	15105	0.0110	0.1716
July 29	1768	16873	0.0201	0.1917
July 30	1689	18562	0.0192	0.2109
July 31	1598	20160	0.0182	0.2290
Aug. 1	2026	22186	0.0230	0.2520
Aug. 2	2067	24253	0.0235	0.2755
Aug. 3	1453	25706	0.0165	0.2920
Aug. 4	2216	27922	0.0252	0.3172
Aug. 5	1630	29552	0.0185	0.3357
Aug. 6	2333	31885	0.0265	0.3622
Aug. 7	4317	36202	0.0490	0.4113
Aug. 8	4654	40856	0.0529	0.4641
Aug. 9	4960	45816	0.0563	0.5205
Aug. 10	1809	47625	0.0206	0.5410
Aug. 11	1486	49111	0.0169	0.5579
Aug. 12	1736	50847	0.0197	0.5776
Aug. 13	1486	52333	0.0169	0.5945
Aug. 14	2208	54541	0.0251	0.6196
Aug. 15	1623	56164	0.0184	0.6381
Aug. 16	1928	58092	0.0219	0.6600
Aug. 17	1203	59295	0.0137	0.6736
Aug. 18	2845	62140	0.0323	0.7059
Aug. 19	2729	64869	0.0310	0.7369
Aug. 20	882	65751	0.0100	0.7470
Aug. 21	902	66653	0.0102	0.7572

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Appendix Table 178. Daily sockeye salmon counts and associated statistics from Chilkoot Lake Weir, 1986 (continued).

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 22	532	67185	0.0060	0.7633
Aug. 23	2746	69931	0.0312	0.7945
Aug. 24	334	70265	0.0038	0.7982
Aug. 25	1729	71994	0.0196	0.8179
Aug. 26	1372	73366	0.0156	0.8335
Aug. 27	337	73703	0.0038	0.8373
Aug. 28	68	73771	0.0008	0.8381
Aug. 29	1043	74814	0.0118	0.8499
Aug. 30	1465	76279	0.0166	0.8666
Aug. 31	1038	77317	0.0118	0.8784
Sept. 1	1526	78843	0.0173	0.8957
Sept. 2	1159	80002	0.0132	0.9089
Sept. 3	754	80756	0.0086	0.9174
Sept. 4	420	81176	0.0048	0.9222
Sept. 5	148	81324	0.0017	0.9239
Sept. 6	371	81695	0.0042	0.9281
Sept. 7	2115	83810	0.0240	0.9521
Sept. 8	1290	85100	0.0147	0.9668
Sept. 9	202	85302	0.0023	0.9691
Sept. 10	1108	86410	0.0126	0.9817
Sept. 11	113	86523	0.0013	0.9829
Sept. 12	86	86609	0.0010	0.9839
Sept. 13	157	86766	0.0018	0.9857
Sept. 14	193	86959	0.0022	0.9879
Sept. 15	161	87120	0.0018	0.9897
Sept. 16	127	87247	0.0014	0.9912
Sept. 17	104	87351	0.0012	0.9924
Sept. 18	64	87415	0.0007	0.9931
Sept. 19	61	87476	0.0007	0.9938
Sept. 20	52	87528	0.0006	0.9944
Sept. 21	38	87566	0.0004	0.9948
Sept. 22	89	87655	0.0010	0.9958
Sept. 23	169	87824	0.0019	0.9977
Sept. 24	65	87889	0.0007	0.9985
Sept. 25	35	87924	0.0004	0.9989
Sept. 26	7	87931	0.0001	0.9989
Sept. 27	6	87937	0.0001	0.9990
Sept. 28	10	87947	0.0001	0.9991
Sept. 29	9	87956	0.0001	0.9992
Sept. 30	9	87965	0.0001	0.9993
Oct. 1	0	87965	0.0000	0.9993
Oct. 2	15	87980	0.0002	0.9995
Oct. 3	11	87991	0.0001	0.9996
Oct. 4	2	87993	0.0000	0.9996
Oct. 5	18	88011	0.0002	0.9999
Oct. 6	9	88020	0.0001	1.0000
Oct. 7	0	88020	0.0000	1.0000
Oct. 8	1	88021	0.0000	1.0000
Oct. 9	1	88022	0.0000	1.0000
Oct. 10	0	88022	0.0000	1.0000
Oct. 11	1	88023	0.0000	1.0000
Oct. 12	0	88023	0.0000	1.0000
Oct. 13	0	88023	0.0000	1.0000
Oct. 14	0	88023	0.0000	1.0000
Oct. 15	0	88023	0.0000	1.0000
Oct. 16	0	88023	0.0000	1.0000
Oct. 17	0	88023	0.0000	1.0000
Oct. 18	0	88023	0.0000	1.0000
Oct. 19	0	88023	0.0000	1.0000
Oct. 20	0	88023	0.0000	1.0000
Oct. 21	1	88024	0.0000	1.0000
Oct. 22	0	88024	0.0000	1.0000
Oct. 23	0	88024	0.0000	1.0000
Oct. 24	0	88024	0.0000	1.0000
Oct. 25	0	88024	0.0000	1.0000
Oct. 26	0	88024	0.0000	1.0000
Oct. 27	0	88024	0.0000	1.0000
Oct. 28	0	88024	0.0000	1.0000
Oct. 29	0	88024	0.0000	1.0000

Mean Day of Migration = Aug. 11 Variance = 271.5 Days squared